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MEMORIAL GATE. CLASS OF '93

J. M. Grumman
Cambridge, Mass.
6th October 1903.

The

University of Pennsylvania

RECORD 1898-1903

OF THE

CLASS OF '93

Published by the Class
Philadelphia
1903

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RECORD COMMITTEE

CHARLES SINKLER, Chairman,

G. A. SMYTH, ROBERT N. WILLSON, M. D.,

J. NORMAN HENRY, M. D., W. Y. C. ANDERSON,

F. S. EDMONDS.

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INTRODUCTORY

The Class of '93 as an organization ceased to exist ten years ago, and although an alumni association of the class has been maintained since that time, what has been accomplished by it can be told in a few words. The Decennial Record is therefore chiefly a compendium of the individual records of its members, the component parts of the class. The interest of this little book thus depends primarily upon the individual achievements of the members. Then if they have done anything, whether they have disclosed it to the committee. Finally if both these premises are in the affirmative, whether they have made disclosures concerning themselves sufficiently detailed for our purposes. If all these conditions are fulfilled we are the medium of mutual confidences between the members, and our chief purpose is accomplished.

As to the class itself. Hulburd has presided over its destinies during the past five years to our satisfaction and no doubt to his own, and has been re-elected president for the ensuing year. Annual suppers, held in pursuance of the constitution adopted at our graduation, have been agreeable and well attended reunions. The most noteworthy event during the past five years was the presenting of a memorial gate to the University. It was designed by two members of the class, E. P. Bissell and W. C. Hays, and forms a beautiful entrance from Spruce Street to the college campus. Great credit is due not only to the designers, but to the committee through whose efforts the necessary money for its construction was raised. The dedicatory exercises were impressive and a feature of alumni day. It may be parenthetically said that those of the class who stayed away from the celebration in and about the dormitories on the evening of alumni day deprived themselves of a most

joyous time. It is to be hoped that arrangements will be made for '93 to take part every year, and if this is done every one who was there this year will require an unsurmountable obstacle to keep him away in the future.

As to the individual members of the class, the committee takes pride in having secured information from 144 of them, as compared with 110 who responded to the questions sent out five years ago. This was accomplished in some cases through repeated letters, and in not a few by personal visits or by telephone. This co-operation by the men is not only gratifying, but indispensable in the preparation of a satisfactory book.

Of the 183 men who matriculated in our class 173 are still living. About ten did not receive the questions mailed to their last known addresses. Of the remaining twenty the majority remained with the class a very short time, and have consequently but little affiliation with it. We therefore feel that the record is as nearly complete as may be.

Eighty-three of those who have responded are married, sixty-one are unmarried. Three have received degrees during the past five years, and thirteen showed their patriotism by fighting the Spaniards in 1898. Twenty-seven have entered the field of literature, chiefly in contributions on technical subjects, and ten have held political office of some kind. There are twenty-four lawyers, fifteen manufacturers, fourteen teachers, twelve doctors, eleven engineers, eleven bankers and brokers, eight clergymen, six civil engineers, seven journalists, four architects, three insurance brokers, two railroad men, one farmer. Twenty-two may be included in that comprehensive category "business," and four will acknowledge no occupation.

For ten, their life's record has been closed, six during the last five years: McIntyre, Miller, Houseman, Spencer, Weightman and Heraty. McIntyre had been engaged in teaching at the Philadel-

phia High School, and shortly before his death accepted a position as teacher in the Hill School. He did not live to fill it, and died in August, 1900. He was a man of conspicuous talents, and, his personal qualities having made for him many friends, his loss is much felt. Dayton Miller, who left the class at the end of freshman year, was secretary of a Virginia Coal Company. While fulfilling a duty of his office he was shot and killed by a drunken negro. He died courageously. Houseman chose the ministry as his profession and, never strong in health, his career was ended while he was still at its threshold. Spencer is an encouraging example taken from a race which is causing much national anxiety. He gained considerable success as a chemist, and with it the confidence and approval of his employers. Weightman and Heraty both died during the past year.

In general outline we have followed the record published in 1898. A short statement concerning each member of the class compiled from the data received from the men themselves: an article on the University from 1898 to 1903: chapters upon the chief occupations pursued by the various members of the class. The committee is glad to have an opportunity to publish the excellent speech delivered by John Cadwalader, Jr., at the dedication of the memorial gate, and the graceful poem read by George Johnson on the same occasion.

The Chairman of the Record Committee, who has been chosen class recorder, requests of the members who read this book information concerning those who have not responded. He also desires to acknowledge with much thanks the assistance given in preparing this book by T. H. Montgomery, Jr., J. N. Henry, A. M. Greene, Jr., F. H. Lee, W. Y. C. Anderson, R. S. Elliot, G. Johnson, E. P. Bissell.

PHILADELPHIA, September 1, 1903.

CLASS RECORD

* Deceased.

HENRY RIHL ALBURGER, ARTS.
M.D. '02.

Residence, 151 W. Washington Lane, Philadelphia.

Business address, Philadelphia Hospital.

Born, 16 April, 1874, Germantown. Son of John Alburger and Anna Mary Price. Entered 1889. Left 1892. Φ. Γ. Δ. Married, September 12, 1900, Maude A. Bechtel.

Received degree of Doctor of Medicine, U. of Pa., 1902. 1898 to 1903, Medical student and physician.

Member of the Houston Club, A. M. H. Ω. Medical Fraternity..

WILLIAM YOUNG CAMPBELL ANDERSON, WHARTON.
B. S. '93. LL. B., '96.

Residence, 5038 Hazel Avenue, Philadelphia.

Business address, 929 Chestnut Street, Philadelphia.

Born, 18 March, 1873, Philadelphia. Son of William Forrest Anderson and Harriet Campbell. Entered 1889. Graduated 1893. Married to Mabel Rosevelt Evans, February 7, 1901. One child, Wilson Evans Anderson; born April 21, 1902.

1898 to date, Lawyer.

Member of the Law Academy of Philadelphia, Law Association of Philadelphia, Pennsylvania Bar Association, College Alumni, Law Alumni and General Alumni, Alumni of Manual Training School, E. Coppee Mitchell Lodge, No. 605, F. and A. M. He has held the office of Recorder, Deputy Prothonotary, Prothonotary, Vice-President and President of the Law Academy, and is a Director of the Law Alumni Society, and is Senior Warden of the E. Coppee Mitchell Lodge, No. 605.

WILLIAM LUDWIG BAKER, ARTS.

Residence, 32 S. Twenty-first Street, Philadelphia.

Business address, 1045 Drexel Building, Philadelphia.

Born, 8 June, 1872, Philadelphia. Son of Joseph W. Baker and Emily N. Ludwig. Entered 1889. Left 1892. Married, November 22, 1902, to Frances C. Conrad.

1898 to 1903, Insurance.

FOLGER BARKER, WHARTON.

Residence, Allen's Lane, Mount Airy, Philadelphia.

Business address, 119 S. Fourth Street, Philadelphia.

Born, 8 November, 1876, Jenkintown, Pa. Son of Wharton Barker ('66 College) and Margaret C. Baker. Entered 1891. Received certificate of Proficiency in Finance and Economy 1893.

1898-1903, Journalist and dealer in Investments. Member of the Philadelphia Cricket Club.

JOHN RANDOLPH BERTOLETT, SCIENCE.

Residence, 4312 Pennsgrove Street, Philadelphia.

Born, 12 October, 1869, Kimberton, Chester County, Pennsylvania. Son of Samuel Bertolett and Elizabeth Jones Frick. Entered 1891. Left 1893.

Mechanical Designer.

ELLISTON PEROT BISSELL, ARCHITECTURE.

B. S. '93.

Residence, 1710 Walnut Street, Philadelphia.

Business address, 303 Bourse Building.

Born, 23 November, 1872, Philadelphia. Son of Frederick Meade Bissell ('61 College) and Sarah Corbet Perot. Entered 1889. Graduated 1893. Φ. K. Σ. Married, December 4, 1901, to Anna Randolph Wurts.

1898 to 1900, Architectural Draughtsman with Cope & Stewardson. July, 1900, to date, Architect in partnership with R. L. Perot under the firm name of Perot & Bissell.

Member of the Germantown Cricket Club, Markham Club, T Square Club, and American Institute of Architects.

EDWIN LITTLEFIELD BLABON, WHARTON.

Residence, 5850 Drexel Road, Overbrook, Pa.

Business address, 34 N. Fifth Street, Philadelphia, Pa.

Born, 20 January, 1873, Philadelphia. Son of George W. Blabon and Rebecca H. Souder. Entered 1891. Received Certificate of Proficiency in Finance and Economy, 1893. Married, 1898, to Edith G. Durham. One son.

1898-1903, Manufacturer.

Member of the Union League and Philadelphia Country Club.

ROBERT THOMPSON BLACK, WHARTON.

Residence, Scranton, Pennsylvania.

Business address, Empire Land and Cattle Co., Mandel, Wisconsin.

Born, 12 April, 1873. Son of Robert Thompson Black. Entered 1891. Left 1892.

1898-1903, Engaged in Raising Cattle.

LLOYD ROSS BLYNN, WHARTON.

Residence, 2026 Locust Street, Philadelphia.

Business address, The North American.

Born, 7 September, 1874, Philadelphia. Son of Henry Blynn and Ida Ross. Entered 1891. Left 1892. Φ. K. Ψ.

1902 to date, Journalist.

Member of the Germantown Cricket Club, Pennsylvania Society of the Sons of the American Revolution, Society of Colonial Wars in the State of Massachusetts, Puritan Club of Boston, Boston Athletic Association and Hamilton Club.

CHARLES PHILIP BOWER, SCIENCE.

B. S. '96.

Residence, 520 Walnut Street, Reading, Pennsylvania.

Business address, 710 City Hall, Philadelphia.

Born, 23 October, 1871, Philadelphia. Son of Charles Francis Bower and Rebecca Ann Getz. Entered 1889. Left 1892. Married, February 18, 1903, to Annie B. Nolan.

He has held the following positions: Transitman on Pennsylvania Railroad, Mining Engineer and Chemist for Low Moor Iron Company of Virginia, Transitman in Survey Department, Philadelphia; Assistant Engineer and Chief Engineer for Fairmount Park Transportation Company, Engineer in

Charge of Woodside Park, Civil Engineer for Pepper & Register (General Contractors), Civil Engineer for Charles McCaul (General Contractor and Builder), Assistant Chief Engineer for Cuban Steel Ore Company, Santiago de Cuba; Chief of Location Party for The Cuba Company, Santiago to Puerto Principe, Civil Engineer for Henderson & Co. (General Contractors and Builders), Second Assistant Engineer on Torresdale Conduit, Bureau of Filtration, Philadelphia.

Member of the following clubs: Dirigo Club of 32d Ward, Young Men's Republican Club of 32d Ward, Artisans' Order of Mutual Protection, American Institute of Mining Engineers and Masons.

*THOMAS BRADLEY, Jr., SCIENCE.

Address, Twenty-first and Market Streets, Philadelphia.

Born, 25 May, 1872, Kirkwood, Delaware. Son of Thomas Bradley and Hannah W. Goodall. Entered 1889. Left 1890. Married, April 19, 1898, to Jeannette M. Beckerton; one child.

1890-1898, Connected with firm of Thomas Bradley, Phila.

Died, September 12, 1903.

J. EDWARD BREEN,

Residence, 325 Tusculum Avenue, Cincinnati, Ohio.

Business address, City Hall, Cincinnati, Ohio.

Born, 30 November, 1869. Son of John Breen. Entered 1891. Left 1892. Φ. Δ. Θ. Married, September 17, 1892, to Louise E. Bailey; two children, five and seven years of age.

1898 to 1903, Assistant City Engineer and Superintendent of Track Elevation and Subways, Cincinnati, O. 32° Mason and Shriner.

PHILIP HOWARD BRICE, SCIENCE.

LL. B. '97.

Residence, Chestnut Hill, Philadelphia.

Business address, 600 Girard Building, Philadelphia.

Born, 31 May, 1872, Philadelphia. Son of Philip Howard Brice and Jane Mercer. Entered 1889. Left 1891. Δ. Ψ. Married, April 24. 1901, to Sarah Pepper Leonard.

1898 to date, Attorney-at-Law.

Member of the St. Anthony Club, General Society of the Alumni, Society of the Alumni Law Department, Rittenhouse Club, Historical Society of Pennsylvania, Society of the Colonial Wars, Society of the Sons of the Revolution, General Society of the War of 1812.

BOWNESS BRIGGS, ARTS.

Mus. Bac. '93.

Residence, 3813 Powelton Avenue, Philadelphia.

Business address, Reading Terminal, Philadelphia.

Born, 12 January, 1859, Keighley, Yorks, England. Son of Henry Briggs and Alice Jacques. Entered 1893. Graduated 1893. Married, April 30, 1884, to Rosaline Brechemin. One daughter, Lilian Brechemin Briggs.

1900 to date, Division Freight Agent, Philadelphia and Reading Railway—Atlantic City Railroad.

Member of the Dramatists' Club of New York, Union League of Philadelphia, XV Club, Railroad Association of Philadelphia, Railroad Freight and Passenger Agents' Association of New York. He is also organist and choir-master of Grace Church, Germantown, and has written several addresses and articles on Railroad Freight and Traffic matter.

JOHN BRIGHT, ARCHITECTURE.

Residence, Pottsville, Pennsylvania.

Born, 13 August, 1868. Son of Joseph C. Bright. Entered 1891. Left 1892.

WARD BRINTON, ARTS.

M. D. '94 (Jefferson Medical College).

Residence, 1423 Spruce Street, Philadelphia.

Born, 27 May, 1873, Philadelphia. Son of John Hill Brinton, M. D. ('50 Medical), and Sarah Ward. Entered 1889. Left 1891. Φ. K. Σ.

Private in the First Troop, Philadelphia City Cavalry, in the Spanish-American War.

1898 to date, Physician.

Member of the Markham Club, College of Physicians of Philadelphia, Curator of the Mütter Museum.

HERBERT BROWN, CHEMISTRY.

Residence, 20 E. Penn Street, Germantown, Pa.

Born, 10 November, 1870, Germantown. Son of Amos Peaslee Brown and Frances Brown. Entered 1891. Received certificate of proficiency in Chemistry, 1894.

1896 to 1901, Instructor in Germantown Academy, Philadelphia. Since 1901, Student of Illustration.

Member of Germantown Cricket Club and Priestly Club.

HENRY CLAY BUTCHER, Jr., SCIENCE.

Residence, 2001 DeLancey Street, Philadelphia.

Business address, 946 Drexel Building, Philadelphia.

Born, 24 June, 1871. Son of Henry Clay Butcher. Entered 1889. Left 1890. Δ. Ψ.

Corporal First Troop, Philadelphia City Cavalry, United States Volunteers, War with Spain, 1898. 1898 to 1903, Broker.

Member of the Rittenhouse Club, Markham, St. Anthony, Philadelphia Country, Philadelphia Barge, Philadelphia Gun Clubs, Radnor and Lima Hunt.

HENRY CARTWRIGHT BURR, SCIENCE.
B. S. '93.

Residence, 2208 Locust Street, Philadelphia.

Business address, 310 Chestnut Street, Philadelphia.

Born, 15 September, 1872, Philadelphia. Son of William B. Burr and Mary Cartwright. Entered 1889. Graduated 1893. Φ. Δ. Θ. Married, December 15, 1898, Margaret F. Allen; one child.

1898 to date, Connected with Joseph S. Burr & Co. (Lithographers), Philadelphia.

Member of University Club, Union League.

HENRY PAUL BUSCH, CHEMISTRY.
B. S. '93.

Residence, 1006 Spruce Street, Philadelphia.

Business address, 511 Arch Street, Philadelphia.

Born, 4 March, 1873, Philadelphia. Son of Henry E. Busch and Eleanor K. Jeffries. Entered 1889. Graduated 1893. Φ. Δ. Θ.

1898 to date, wholesale drugs.

Member of the Society of the Alumni, Houston Club, Priestly Club, Union League, Merion Cricket Club, Historical Society of Pennsylvania.

JOHN CADWALADER, JR., ARTS.
A. B. '93 (A. B. '94, Yale), LL. B. '97.

Residence, 1519 Locust Street, Philadelphia.

Business address, 263 S. Fourth Street, Philadelphia.

Born, 24 February, 1874, Philadelphia. Son of John Cadwalader ('62 College) and Mary Helen Fisher. Entered 1889. Graduated 1893. Δ. Φ.

1898 to date, Attorney-at-Law.

Life Member of the University Club of Philadelphia, the Pennsylvania Forestry Association and the Academy of Natural Sciences. Member of the Philadelphia Club, St. Elmo Club, Huntingdon Valley Country Club, Philadelphia Cricket Club, Old Hickory Club, Society of the War of 1812. Manager of the City Parks' Association and the Children's Hospital.

THOMAS LESLIE CARPENTER, MUSIC.
Mus. Bac. '93.

Residence, 1203 W. Ninth Street, Wilmington, Delaware.

Born, 21 February, 1865, Wilmington, Delaware. Son of Thomas Chalkley Carpenter and Elizabeth Carlisle. Entered 1892. Graduated 1893.

Musical Director of Musical Art Society. Organist and Choir Master, Trinity Church. Author of several Musical Compositions, e. g., Communion Service, Cantata for Soli, Chorus and Orchestra, the Ninety-sixth Psalm, Te Deum, etc.

Member General Alumni Society.

*WILLIAM EDGAR STITT CAPP, SCIENCE.

Born, 19 August, 1872, Philadelphia. Died, 30 September, 1891, Philadelphia. Son of William Musser Capp, M. D., and Ida Estelle Stitt. Entered 1889, and died during his studentship.

*CHARLES ALFRED CAZENOVA, SCIENCE.
B. S. '93.

Born, 28 October, 1872, Cienfuegos, Cuba. Died, 1893, Cienfuegos, Cuba. Son of J. J. Cassanova, M. D. Entered 1891. Graduated 1893.

HERBERT MASON CLAPP, ARTS.
LL.B. '95.

Residence, 336 Pelham Road, Germantown.
Business address, Union League, Philadelphia.
Born, 9 July, 1872, Brooklyn, New York. Son of E. Herbert Clapp and Elizabeth Graham Mason. Entered 1889. Left 1890. 1892-5, Department of Law, Pennsylvania.
26 March, 1894, married Mary Augusta Post. One daughter, Mary Eunice Clapp; one son, Herbert Mason Clapp, Jr.
Member Union League of Philadelphia, Germantown Cricket Club, Thomasville Gun Club (Georgia), Cedar Park Driving Club.

EDWARD SALISBURY CLARK, ARTS.
A. B. '93.

Residence, 1109 Fifth Avenue, Bay City, Michigan.
Business address, 6-9 Bank Block, Bay City, Michigan.
Born, 15 August, 1871, New York City. Son of Rev. William Hendee Clark and Lucy W. Hoisington. Entered 1889. Graduated 1893.
Married to Lucy Tyson Ballou, October 3, 1895. One daughter, Lucy Ballou Clark, born February 19, 1897; one son, Edward S. Clark, Jr., born December 22, 1901.
1898 to date, Attorney-at-Law. Since July, 1900, Member of the firm of Simonson, Gillett & Clark.
Member of Bay City Club, Bay City Golf Club, Secretary and Treasurer of the latter.

CHARLES HOWE WALL CLIFF, WHARTON
A. B. '91 (Central High School).

Residence, 857 N. Twenty-fourth Street, Philadelphia.
Business address, 809 N. Nineteenth Street, Philadelphia.
Born, 1872, Philadelphia. Son of Jesse O. Cliff and Sarah Jane Wall.
Entered 1891. Left 1892. Married, October 12, 1899, to Rachel G. Peele.
1898 to date, Secretary and Treasurer and General Manager of the Colonial Biscuit Company, Philadelphia.

THOMAS LUTHER COLEY, ARTS.

A. B. '93. M. D. '95.

Residence, 257 S. Twenty-first Street, Philadelphia.

Born, 29 March, 1870, Brooklyn, New York. Son of Luther Hart Coley and Jennie Phillips Jones. Entered 1888. Graduated 1893. Δ. Υ.

Married, November 6, 1901, Minnie Lenore Bowman.

1898 to date, Physician.

Member of the Philo Biblon Club, University Club, Fellow of College of Physicians.

Author of medical literature in form of case reports, etc.

EDWARD BURTON COLKET, SCIENCE.

B. S. '93. M. E. '94.

Residence, 2018 Chestnut Street, Philadelphia.

Business address, 500 N. Broad Street, Philadelphia.

Born, 10 January, 1873, Philadelphia. Son of William Walker Colket and Jane Hoxsie. Entered 1889. Graduated 1893.

1898 to date, employed by Baldwin Locomotive Works.

Member of University Club.

JAY COOKE, 3RD, ARTS.

Residence, 2128 Locust Street, Philadelphia.

Business address, 122 S. Fourth Street, Philadelphia.

Born, 22 April, 1872. Son of Jay Cooke, Jr. Entered 1889. Left 1891. Φ. Κ. Σ.

September 25, 1895, married Nina Louise Benson. One child, Jay Cooke, 4th.

1898 to date, Stock-broker, with Charles D. Barney & Co.

Captain on Staff of Major-General James F. Wade in Spanish-American War of 1898.

Member of Rittenhouse Club, Union League, Philadelphia Cricket Club and Philadelphia Barge Club.

WALTER ISAAC COOPER, ARTS.

B. S. '93.

Residence, 1819 Spring Garden Street, Philadelphia.

Business address, West End Trust Building, Philadelphia.

Born, 29 September, 1872, Philadelphia. Son of Isaac Cooper and Anna E. Paul. Entered 1890. Graduated 1893. Φ. Δ. Θ.

1898-1903, Clerk.

Member of the Union League of Philadelphia, Belfield Country Club.

ECKLEY BRINTON COXE, Jr., BIOLOGICAL.

Residence, Drifton, Pennsylvania.

Business address, Drifton, Pennsylvania.

Born, 31 May, 1872, Philadelphia. Son of Charles Brinton Coxe ('62 College) and Elizabeth A. Sinkler. Entered 1890. Received Certificate of Proficiency, 1893. Δ. Φ.

1898 to 1903, Anthracite Coal Operator.

Member of the University, Philadelphia and Rittenhouse Clubs, Zoological Society of Philadelphia, Delta Phi Club of New York, Strollers' Club of New York. Voluntary Weather Observer and Meteorologist for Drifton, Pa. Member of the Library Committee of the University Club, Honorary Secretary of Egyptian Exploration Fund for Drifton. On Board of Managers of The Churchman's Missionary Association, for Seamen of the Port of Philadelphia. On Board of Managers of Children's Hospital, Philadelphia.

ANDREW WRIGHT CRAWFORD, ARTS.

A. B. '93. LL. B., '97.

Residence, Bryn Mawr, Pennsylvania.

Business address, 701 Stephen Girard Building.

Born, 24 December, 1873, Bryn Mawr. Son of John Yocum Crawford and Violetta Virginia Wright. Entered 1889. Graduated 1893. Φ.Γ.Δ. Φ. B. K.

1898 to date, Attorney-at-Law.

Member of the following societies: Law Association of Philadelphia, Law Academy of Philadelphia, Association of Law Alumni of the University of Pennsylvania, General Alumni Association of the University of Pennsylvania, Department of Archæology of the University of Pennsylvania, American Academy of Political and Social Science, University Club, Merion Cricket Club, Merion Golf Club, Young Republican Club, Secretary of The City Parks Association, member of The Fairmount Park Art Association, American Park and Outdoor Art Association, The Pennsylvania Forestry Association, Pennsylvania Historical Society, Pennsylvania Academy of Fine Arts, Massachusetts Institute of Technology Alumni Association, Pennsylvania Scotch-Irish Society.

Published Articles on various legal topics for the American Law List, reports for The City Parks Association and article in the March, 1903, number of House and Garden. Traveled in Europe in 1898, 1900 and 1902.

FRANK PENROSE CROFT, SCIENCE.

Residence, Merion, Pennsylvania.

Business address, Thirty-third and Market Streets, Philadelphia.

Born, 2 August, 1872, Philadelphia. Son of Samuel Croft and Meribah Carter Penrose. Entered 1889. Left 1890. Φ. Δ. Θ. 6 April, 1896, married Elizabeth Shoemaker Brosius, at Philadelphia. One son.

Member of Union League of Philadelphia, Bachelors' Barge Club, Merion Cricket Club, Overbrook Golf Club, and Masonic Order.

FRANCIS THIBAULT CROSS, SCIENCE.

B. S. '93. M. E. '94.

Residence, 32 S. Twenty-first Street, Philadelphia.

Business address, Twenty-third and Filbert Streets, Philadelphia.

1898 to 1903, Mechanical Engineer with the United Gas Improvement Company.

PAYSON CROWELL, ARCHITECTURE

Business address, 400 Sixth Avenue, New York City.

Born, 30 October, 1871. Son of Harry P. Crowell.

Entered 1889. Left 1891.

WILLIAM MORTIMER CROWTHER, WHARTON.

Ph. B. '93. LL. B. '96.

Residence, 739 Gray's Ferry Road.

Business address, 1535 Chestnut Street, Philadelphia.

Born, 27 December, 1870, Philadelphia. Son of Samuel Crowther and Frances McCabe. Entered 1891. Graduated 1893. X. Φ.

17 June, 1896, married Anna Rebecca Brown, at Philadelphia.

1898 to date, Attorney-at-Law.

JOSEPH ROBBINS CURTIS, SCIENCE.

B. S. '93. M. E. '94.

Residence, Baltimore, Md.

Business address, 607 Union Trust Company, Baltimore, Md.

Born, 2 October, 1873, Morristown, New Jersey. Son of George Ticknor Curtis, Jr. ('68 Harvard), and Edith Ivins Shreve. Entered 1889. Graduated 1893.

1898 to date, with the General Electric Company.

Member of the End Brook Park Golf Club.

Local Manager of the National Electric Supply Company.

THOMAS FREDERICK DAVIES, Jr., ARTS.

A. B. '94 (Yale). B. D. (General Theological Seminary, N. Y.).

Residence, All Saints' Rectory, Worcester, Massachusetts.

Business address, All Saints' Church, Worcester, Massachusetts.

Born, 20 July, 1872, Philadelphia. Son of Thomas Frederick Davies, Bishop of Michigan ('53 Yale), and Mary Lang Hackstaff. Entered 1889. Left 1889. Ψ. Υ. (Yale). Φ. B. K. (Yale). Scull and Bones (Yale).

1898 to 1903, Clergyman, Protestant Episcopal Church.

Member of the Yale Club, New York City.

Rector of All Saints' Parish, Worcester, Massachusetts.

JOSEPH CORBIT DAVIS, SCIENCE.

Residence, Wyncote, Pennsylvania.

Business address, Twenty-ninth and Bristol Streets, Philadelphia.

Born, 2 December, 1871. Son of Edward M. Davis, Jr. Entered 1889. Left 1891. Ζ. Ψ.

1898 to date, Manufacturer.

Member of the Union League, Germantown Cricket Club, Huntingdon Valley Country Club, Wyncote Country Club.

HOWARD HARLAN DICKEY, WHARTON.

Residence, Cumberland, Maryland.

Business address, Cumberland, Maryland.

Born, 31 December, 1872, Oxford, Pennsylvania. Son of William C. Dickey and Mary A. Harlan. Entered 1889. Left 1892. 1898, married to Nance Roberts; two children, Helen Harlan Dickey, born 1900, and Ethel Noble Dickey, born 1902.

1898-1903, President, Cumberland Steel and Tin Plate Company, Maryland Sheet and Steel Company, Cumberland Savings Bank, Maryland Tin Plate Company, South Cumberland Supply Company. Director, Crucible Steel Company, The Western Maryland Telephone Company, Big Savage Fire Brick Company.

Member of the University Club of Philadelphia, University of Pennsylvania Club—NewYork, Cumberland Club, Maryland.

Traveled in Europe, 1900 and 1903.

RAYMOND RENAUD DONGES, ARTS.

Residence, 525 Broadway, Camden, New Jersey.

Business address, 301 Market Street, Camden.

Born, 10 November, 1871, Donaldson, Schuylkill County, Pennsylvania. Son of John W. Donges, M. D. ('66 Medical) and Rose M. Renaud. Entered 1889. Left 1891.

February, 1898, to date, Counsellor of the Supreme Court of New Jersey. Admitted to practice in United States Court in District of New Jersey, October 22, 1900. Appointed Supreme Court Commissioner, June 17, 1901.

Member of the County Bar Association, Camden County Historical Society, Carteret Club, Americus Club, Trimble Lodge, No. 117, F. A. M., Excelsior Consistory (Scottish Rite).

JAMES HENRI DONNELLY, WHARTON.

A. B. '91 (Central High School). Ph.B. '93.

Residence, 125 N. Fiftieth Street, Philadelphia.

Business address, Seventeenth and Wood Streets, Philadelphia.

Born, 1 May, 1871, Philadelphia. Entered 1891. Graduated 1893.

1898 to date, Professor of English Language and Literature, Central Manual Training School, Philadelphia.

EDWARD JOHN DOONER, WHARTON.

A. B. '93.

Residence, 1734 Master Street, Philadelphia.

Business address, 23-9 S. Tenth Street, Philadelphia.

Born, 3 October, 1871, Philadelphia. Son of Peter Samuel Dooner and Mary Ellen Whiting. Entered 1889. 1889-91, Course in Arts. 1891-93, Wharton School. Graduated 1893. 14 April, 1898, married Mary Magdalene Haggerty, at Philadelphia. Wife died February 10, 1899. Child, Peter S. Dooner, Jr., January 30, 1899.

1898 to date, Hotel business.

Member of the following clubs: Junger Mænnerchor, Fortnightly Club, Philopatrian Literary Institute, Catholic Historical Society, Friendly Sons of St. Patrick.

FRANKLIN SPENCER EDMONDS, WHARTON.

Ph. B. '93. A. M. '96 (Central High School).

Residence, 1753 N. Thirty-third Street, Philadelphia.

Business address, Central High School, Philadelphia.

Born, 28 March, 1874, Philadelphia. Son of Henry R. Edmonds and Catharine Ann Huntzinger. Entered 1891. Graduated 1893. B. Θ. Π.

1898 to 1902, Assistant Professor of Political Science, Central High School, Philadelphia. 1902 to date, Professor of Political Science, Central High School.

Member of the University Club, Franklin Inn Club, Schoolmen's Club, Educational Club, Geographical Society, Church Club, College Alumni and General Alumni Societies, Teachers' Institute, Historical Society of Pennsylvania, American Historical Association, American Economic Association, American Academy Political and Social Science, American Statistical Association, Public Education Association.

Traveled in Italy in 1902. Editor of "The Teacher," 1898 to 1903. Author of "The Century's Progress in Education," "History of the Central High School of Philadelphia, 1838 to 1900," and other educational articles.

CHARLES WELSH EDMUNDS, ARTS.
LL. B. '94.

Residence, 808 N. Broad Street, Philadelphia.

Business address, 425 Walnut Street, Philadelphia.

Born, 24 April, 1872, Philadelphia. Son of Henry Reeves Edmunds and Anna Hunter Welsh. Entered 1889. Left 1890. Quartermaster's Sergeant, Second Troop, Philadelphia City Cavalry, Spanish-American War, 1898.

1898 to date, Attorney-at-Law.

Member Union League of Philadelphia, Young Republicans, Houston Club of the University, Law Association, Law Academy, National Rifle Association of America, League of American Wheelmen.

Traveled in 1900, on the California Coast, the winter of 1901 in Mexico. Winter of 1903, Turkey, the Holy Lands, Egypt and the Continent of Europe.

GEORGE MACY EKWURZEL, BIOLOGICAL.
M. D. '96.

Residence, Manila, Philippine Islands.

Born, 27 May, 1875. Son of William Ekwurzel, M. D. Entered 1891. Received a Certificate of Proficiency 1893.

1896 to 1900, Resident in Hospitals and engaged in private practice. September 3, 1900, entered United States Army as contract surgeon (First Lieutenant and Assistant Surgeon).
Member of Army and Navy Club, Manila.

RUDOLPH SKINNER ELLIOT, WHARTON.

Residence, 6323 Bainbridge Street, Germantown.
Business address, 30 S. Sixth Street, Philadelphia.
Born, 16 November, 1872, Germantown. Son of Alexander Graham Elliot and Maria Mitchell. Entered 1889. Left 1892. Φ. Γ. Δ. Married, October 6, 1898, Claire Chapman. Children, one boy and two girls.
1898 to 1903, Senior partner of A. G. Elliot & Co. (Paper).
Member of the Art Club, Pennsylvania Historical Society, Philadelphia General Alumni Society, Philadelphia Cricket Club.
Traveled—1898 Europe, 1899 Canada and Northwest, 1900 Europe, 1901 California and Southwestern United States.

BENJAMIN EVANS, WHARTON.
Ph. B. '93.

Residence, Monongahela, Pennsylvania.
Born, 19 August, 1864, Coal Valley, Illinois. Son of Llewellyn Evans and Mary L. Harris. Entered 1892. Graduated 1893.
1893-5, Department of Philosophy, Pennsylvania. 1895 to date, Principal of Monongahela High School. Student of Law in Allegheny County, Pennsylvania.

WILLIAM ALEXANDER FERGUSON, ARTS.

Residence, 2523 N. Fifth Street, Philadelphia.
Born, 22 July, 1864, Philadelphia. Son of James Ferguson and Fannie Frazer. Entered 1888. Left during Freshman year. Received degree of D. D. 1901. Married Carrie L. Lake.
Traveled in Europe in 1900. In California and Western United States, 1903.

HERBERT PAYNE FISHER, SCIENCE.
A. B. Princeton '94. M. D. '97.

Residence, 5324 Wayne Avenue, Germantown, Philadelphia.
Business address, same.

Born, 15 December, 1871. Son of Richard Fisher. Entered 1889. Left 1890, and entered Princeton. 1894-7, Department of Medicine, Pennsylvania. Married, October 26, 1897, Alma H. Murphy; one child.

1897 to date, Physician.

Member of Princeton Club, Medical Club of Philadelphia, County Medical Society, Colonial Club.

CHARLES C. FISCHER, SCIENCE.

Residence, Sixty-third Street and Elmwood Avenue, Philadelphia.

Entered 1891. Left 1892.

Civil Engineer.

ALFRED CHRISTIAN FLECKENSTEIN, SCIENCE.

A. B. '89 (Central High School). B. S. '93.

Residence, 2432 Bancroft Street, Philadelphia.

Business address, 1508 Columbia Avenue, Philadelphia.

Born, 23 June, 1871, Philadelphia. Son of Christian Henry Fleckenstein and Frances Younck. Entered 1889. Graduated 1893.

1894-7, Instructor of Mechanical Engineering, Pennsylvania. 1897 to 1898, Student of Literature.

Member of First Regiment, National Guard of Pennsylvania. 1898, Member of United States Volunteer Army.

CHARLES SCHLESINGER FRIEDMAN, SCIENCE.

B. S. '93.

Residence, 2142 N. Eighteenth Street, Philadelphia.

Business address, 151-9 Jefferson Street, Philadelphia.

Born, 26 October, 1873, Lewiston, Maine. Son of Joseph Friedman and Helen Schlesinger. Entered 1889. Graduated 1893.

1898 to 1902, Chief Chemist for R. H. Foederer, Leather Manufacturer. 1902 to date, Manufacturing Confectioner, trading as National Confectionery Company.

Member of the Mercantile Club, Franklin Institute, Robert H. Foederer Republican Club, Director of Vici Building and Loan Association, Young Men's Hebrew Association. Member of the Priestly Chemical Club, Treasurer of The Wanderers. Author of numerous articles on the Manufacture of Leather and various chemical processes.

PHILIP FINE FULMER, WHARTON.

LL. B. '98.

Residence, 4238 Chestnut Street, Philadelphia.

Business address, 514 Hale Building, Philadelphia.

Born, 16 April, 1873, Dingman's Ferry, Pennsylvania. Son of Philip Fine Fulmer, M. D. ('49 Lafayette, '51 Medical) and Ella Bennett. Entered 1890. Left 1893. A. T. Ω.

Received degree of LL. B. University Law School, June, 1898. 1898 to 1903, Attorney-at-Law, and proprietor of High Falls Hotel, Dingman's Ferry, Pennsylvania.

Member of the Alumni Association, Law Academy of Philadelphia, Historical Society of Pennsylvania, Pennsylvania Society of the Sons of the Revolution, Athletic Club of Philadelphia.

JOHN FRANCIS GALLAGHER, SCIENCE.

Residence, 1218 Race Street, Philadelphia.

Business address, same.

Born, 10 October, 1871. Son of Patrick Gallagher. Entered 1891. Left 1892. Married, May 5, 1900, Margaret Murphey.

Engineer Corps, Company B, Fort Totten, in Spanish-American War, 1898. 1898 to date, Liquor business, Baltimore.

THOMAS SOVEREIGN GATES, WHARTON.

Ph. B. '93. LL. B. '96.

Residence, 505 W. Chelten Avenue, Germantown.

Business address, 1001 Chestnut Street, Philadelphia.

Born, 21 March, 1873, Philadelphia. Son of Jabez Gates and Rebecca Toy Sovereign. Entered 1891. Graduated 1893. Φ. K. Σ.

1893-96, Department of Law. 1898 to date, Attorney-at-Law.

Member of Mask and Wig Club, University Club, Young Republicans, Law Academy.

JOHN ERVIN GENSEMER, ARTS.

A. B. '93.

Residence, 5016 Hazel Avenue, Philadelphia.

Business address, 1420 Chestnut Street, Philadelphia.

Born, 23 July, 1871, Marshallville, Ohio. Son of Daniel Feather Gensemer and Mary Catherine Eby. Entered 1892. Φ. Δ. Θ. Θ. N. E. Graduated 1893. 23 June, 1899, married Ida W. Dudley; one child.

1898 to 1903, Instructor Protestant Episcopal Academy and Attorney-at-Law.

Member of the Phi Delta Theta Club, American Academy of Political and Social Science.

CHARLES ALLYN GILCHRIST, SCIENCE.

B. S. '93.

Residence, 5914 Wayne Avenue, Philadelphia.

Business address, Franklin Building, 133 S. Twelfth St., Philadelphia.

Born, ———, 1874, Philadelphia. Son of William Wallace Gilchrist (Mus. Doc.) and Susan Beaman. Entered 1890. Graduated 1893.

1898 to 1900, Teacher. 1900 to 1902, Photographer. 1902 to date, Civil Engineer, partner with L. E. Fairchild, Jr., trading as Fairchild and Gilchrist, Civil Engineers.

JAMES HENRY GRAHAM WHARTON.

A. B. '91 (Central High School). Ph. B. '93.

Residence, 2115 N. Fifteenth Street, Philadelphia.

Business address, Central High School, Philadelphia.

Born, 24 May, 1872, Philadelphia. Son of James H. Graham. Entered 1891. Graduated 1893.

1895 to 1898, Department of Philosophy, Pennsylvania. Courses in Mathematics. 1898 to date, Professor Mathematics, Central High School.

Member of the Germantown Cricket Club and Schoolmen's Club.

ARTHUR MAURICE GREENE, Jr., MECHANICAL ENGINEERING.

B. S. '93. M. E. '94.

Residence, Columbia, Missouri.

Business address, University of Missouri, Columbia, Missouri.

Born, 4 February, 1872, Philadelphia. Son of Arthur Maurice Greene and Eleanor Jones Lowry. Entered 1889. Graduated 1893.

1898-1902, Instructor in Mechanical Engineering, University of Pennsylvania. 1902 to date, Professor of Mechanical Engineering, University of Missouri.

Member of the American Society of Mechanical Engineers, Franklin Institute of Pennsylvania, Kappa Sigma Fraternity, University Club of Columbia, Scientific Society of the University of Missouri.

In 1903, Published Treatise on Steam Engineering in conjunction with H. W. Spangler and S. M. Marshal.

*LOUIS E. A. GREENLEAF, ARTS.

Born, 3 April, 1871. Died, August, 1890, Philadelphia. Son of R. P. Greenleaf, M. D. Entered 1889, and died during his studentship.

JESSE MORE GREENMAN, BIOLOGY.

B. S. '93; S. M. Harvard, '99; Ph.D. Berlin, 1901.

Residence, 28 Hurlburt Street, Cambridge, Mass.

Business address, Harvard University.

Born, 27 December, 1868, North East, Pennsylvania. Son of James Greenman and Clarissa More. Entered University 1888, Biological Department. Entered Class 1889, College Department. Graduated 1893. Σ. A. E. 1893-4, Department of Philosophy, Pennsylvania. Fellow in Biology.

Married, September 20, 1902, Anne Louise Turner.

S. M. Harvard, 1899; Ph.D. University of Berlin, 1901.

1898 to 1899, Assistant at Gray Herbarium and graduate student at Harvard University. 1899 to 1901, Student in Philosophy, University of Berlin, Germany. 1902 to date, Instructor in Botany, Harvard University and Assistant at Gray Herbarium.

Traveled through Belgium, Holland, Germany, France, England and Scotland.

Member of College Alumni and General Alumni Societies, University of Pennsylvania, New England Botanical Club. Fellow in the American Association for the Advancement of Science, Society for Plant Morphology and Physiology.

Author: Revision of the Mexican and Central American Species of Galium and Rebunium. Proc. Am. Acad. xxxii (1898). Diagnosis of New and Critical Mexican Phanerogams. Proc. Am. Acad. xxxii (1898).

In joint authorship with B. L. Robinson, the following: 1. Revision of the Genera Montanoa, Perymenium and Zaluzania, Proc. Am. Acad. xxxiv (1899). 2. Synopsis of the Genus Verbesina, with an analytical Key to the Species. Proc. Am. Acad. xxxiv (1899). 3. Revision of the Genus Gymnolomia, Proc. Am. Acad. xxix (1899). 4. Supplementary Notes upon Calea, Tridax and Mikania; Proc. Am. Acad. xxix (1889).

Some new Species, extended Ranges, and newly noted Identities among the Mexican Phanerogams. Proc. Am. Acad. xxxiv (1899). New Species and Varieties of Mexican Plants. Proc. Am. Acad. xxxv (1900). Genus Senecio in New England, Rhodora iii (1901). Monographie der nord-und centralamerikanischen, Arten der Gattung Senecio. 1. Teil, Allgemeines und Morphologie. 1901. Leipzig. Also short contributions in "The Botanical Gazette" 1902, and in Sargent's "Trees and Shrubs," 1902.

FREDERICK S. GROSS, WHARTON.

Residence, 879 N. Forty-first Street, Philadelphia.

Business address, 126 Chestnut Street.

Born, 8 June, 1873, Philadelphia. Son of Christian G. Gross and Anna M. Neuber. Entered 1891. Received Certificate of Proficiency, 1893.

Since January, 1903, Bookkeeper for Joseph H. Parvin & Co.

SAMUEL WILBUR GRUBB, SCIENCE.

Residence, "The Clinton," Philadelphia.

Born, 12 August, 1870, Philadelphia. Son of Isaac K. Grubb and Evelyn D. Foster. Entered 1891. September, 1893, B. Θ. Π.

1894-5, Course in Engineering, Pennsylvania.

Married, May 23, 1899, to Frances G. Krause.

1898 to date, Publisher.

Has held position of Draughtsman, Board of Highway Supervisors, Philadelphia, Pa.

Member Houston Club, Philadelphia Yacht Club, Columbia Photographic Society.

GEORGE SCHAFFER GUMMEY, NATURAL HISTORY.

Residence, Gwynedd, Pennsylvania.

Business address, 733 Walnut Street, Philadelphia.

Born, 23 February, 1871, Germantown. Son of Charles Francis Gummey and Mary Emma Schaffer. Entered 1889. Left 1891. Δ. Ψ.

1898 to 1903, Real Estate Broker.

Member of St. Anthony Club.

JANSEN HAINES, SCIENCE.

B. S. '93.

Residence, Des Moines, Iowa.

Business address, 415 Locust Street, Des Moines, Iowa.

Born, 4 April, 1871, Cheltenham, Pennsylvania. Son of Robert Bowne Haines and Margaret Vaux Wistar. Entered 1890. Graduated 1893. Z. Ψ.

1898 to date, Engineer with United Gas Improvement Company.

Member of the University Club of Philadelphia, Philadelphia Barge Club, Zeta Psi Association, Huntingdon Valley Country Club, Reform Club—New York, American Gaslight Association.

GEORGE HERVEY HALLETT, ARTS.

A. B. '93. M. A. '94. Ph. D. '96.

Residence, 32 St. Bernard Street, Philadelphia.

Business address, University of Pennsylvania.

Born, 30 December, 1870, Manchester, Maine. Son of James Hervey Hallett and Sarah Louise Hawkes. Entered 1890. Graduated 1893. Married, 21 February, 1894, Gertrude A. Hawkes; two children, George H. Hallett, Jr., and Henry McLellan.

1898 to date, Instructor in Mathematics in the College. Lecturer in Mathematics in the Graduate School, University of Pennsylvania.

Member of the Sigma Ki (Pennsylvania Chapter), Camden Astronomical Society, American Mathematical Society.

Published several papers on mathematical subjects.

WILLIAM HENRY HANSELL, ARCHITECTURE.

Residence, 2304 Spruce Street, Philadelphia.

Business address, Sixty-second St. and Woodland Ave., Philadelphia.

Born, 6 June, 1873, Philadelphia. Son of William Henry Hansell and Josephine M. Richardson. Entered 1890. Left Class 1891, and was transferred to Class of '95, Mechanical Engineering. Left College 1893. Φ. K. Ψ. Married, 25 September, 1895, to Ela Stiles.

1898 to 1902, President Franklin Machine Works, Philadelphia. 1903, in charge Spring Department J. G. Brill Company, Car Builders, Philadelphia.

CLINTON GARDNER HARRIS, ARCHITECTURE.

B. S. in Architecture '93.

Residence, Germantown, Pa.

Business address, 3 E. Thirty-third Street, New York City.

Born, 18 March, 1873, Philadelphia. Entered 1888. Graduated 1893. Ψ. Υ.

1898, with Cope & Stewardson, Architects, Philadelphia. 1899, with Wilson Brothers. 1899 to 1902, in Europe, Student of Architecture. 1903, with Warren & Wetmore, Architects, New York City.

Member of the American Society of Beaux-Arts Architects, New York, The T Square Club, Philadelphia, Germantown Cricket Club of Philadelphia, University of Pennsylvania General Alumni Association, Pennsylvania Architectural Club of New York City.

Published: Articles—"Memorial to Walter Cope, Architect," "The Royal Spanish Gardens at La Granja," "The Palace and Gardens at Aranjuez, Spain," "The Gardens at Penshurst, England."

Contributor to "House and Garden."

Exhibitor of foreign sketches and architectural work in various Expositions.

1899 to 1902, Traveled on architectural tours through Europe.

FRANCIS CHAMBERS HARRIS, SCIENCE.

B. S. '93.

Residence, 1718 N. Tejon Street, Colorado Springs, Colorado.

Born, 22 November, 1872, Philadelphia. Son of Henry P. Harris. Entered 1889. Graduated 1893. Married, June 2, 1897, to Ethel C. Watts. One child, Emily P. Harris.

GEORGE LEIB HARRISON, Jr., SCIENCE.

Residence, 1618 Locust Street, Philadelphia.

Business address, 400 Chestnut Street.

Born, 23 March, 1872, Philadelphia. Son of Charles Custis Harrison, LL.D. ('62 College), and Ellen Nixon Waln. Entered 1889. Left 1892. Δ. Ψ.

1898 to 1903, Treasurer University of Pennsylvania.

Member of Philadelphia Club, Racquet Club, Country Club, Merion Cricket Club, Bryn Mawr Polo Club, Radnor Hunt.

ALBERT DEMING HATFIELD, CHEMISTRY.

Residence, Janesville, Wis.

Entered 1892. Left 1892.

WILLIAM CHARLES HAYS, ARCHITECTURE.

B. S. '93.

Residence, 523 S. Forty-second Street, Philadelphia.

Business address, 1012 Walnut Street, Philadelphia.

Born, 7 July, 1873, Philadelphia. Son of Charles H. Hays and Helen R. Dale. Entered 1890. Graduated 1893. Spring of 1896, Student in Architecture, American Academy at Rome, Italy.

1898 to 1903, Practicing Architect. 1902 to date, Acting Instructor in Architectural Design, U. of Pa.

Member of the College, Architectural and General Alumni Societies, Houston Club, T Square Club (president of same), American Institute of Architects, American Art Club of Paris. Published two articles in technical magazines.

Fellow of the American Academy at Rome. Philadelphia Delegate to Architectural League of America, Convention at Chicago, 1900, and at Toronto, Canada, 1902.

JOSEPH MAURICE HAYWOOD, ARTS.

B. S. '93.

Residence, Ambler, Pennsylvania.

Business address, Ambler, Pennsylvania.

Born, 25 April, 1872, Ambler, Pennsylvania. Son of Joseph Haywood and Caroline Hartzel. Entered 1889. Graduated 1893. Married, October 15, 1902, Elizabeth B. Godfrey.

1898 to 1903, Publisher and owner of the Ambler Gazette.

JOHN NORMAN HENRY, ARTS.

M. D. '95.

Residence, 1635 Locust Street, Philadelphia.

Born, 12 September, 1873, Philadelphia. Son of Frederick P. Henry, M. D., and Josephine Nancrede. Entered 1889. Left 1892. Φ. Κ. Σ.

1892-5, Department of Medicine, Pennsylvania. 1898 to 1903, Practicing Physician.

Member of the University Club, University Barge Club, Germantown Cricket Club. Published several articles in medical journals. Member of Pathological Society, County Medical Society, Fellow of College of Physicians.

Registrar Medical Dispensary, Children's Hospital '98—resigned. Physician to Dispensary St. Christopher's Hospital, '98-'99. Acting Assistant Surgeon United States Marine Hospital service, Temporary '98. Physician to Church Home for Children, '99 to 1902. Physician to Out-Patient Department Pennsylvania Hospital. Physician in Charge DeLancey School. Physician to Pennsylvania Institution for Instruction of Blind. Medical Examiner Mutual Life Insurance Company of New York, Assistant Physician Philadelphia Hospital.

*PHILIP FITZPATRICK HERATY, SCIENCE.

Born, May, 1868. Son of Edward J. Heraty. Entered 1889. Left 1890. Died, July 11, 1903.

JOSEPH J. GILLINGHAM HIBBS, SCIENCE.

B. S. '93. M. S. '94. Ph. D. '96.

Residence, 1514 N. Seventeenth Street, Philadelphia, Pa.

Business address, 1208 Betz Building, Philadelphia, Pa.

Born, 29 May, 1873, Philadelphia. Son of A. Arlington Hibbs and Lillie W. Magill. Entered 1889. Graduated 1893. Φ. Γ. Δ. 1893-4, Post Graduate Course, Town Scientific School, Pennsylvania.

1894-6, Department of Philosophy, Pennsylvania.

JOHN GITHENS HORNER, WHARTON.

Ph. B. '93.

Residence, Palmyra, New Jersey.

Business address, 111 Market Street, Camden, New Jersey.

Born, 17 November, 1872, Pennsville, New Jersey. Son of Asa P. Horner and Mary J. Githens. Entered 1891. Graduated 1893. Married Emily O. Maguire, October 17, 1899. Children: Mary Virginia Horner, born November 16, 1900, and Anna Morgan Horner, born January 16, 1903.

1898 to date, Lawyer.

Member of clubs too numerous to mention. Nominated fall of 1900 by Republican Party of Burlington County, N. J., for State Legislature, and elected, House of General Assembly. Renominated fall, 1901, and elected. During session of 1902 was Majority Leader. Renominated fall of 1902, and elected. During session of 1903 was Speaker of House of General Assembly.

*GEORGE BICKLEY HOUSEMAN, ARTS

A. B. '90 (Central High School). B. S. '93.

Born, 10 December, 1872, Philadelphia. Son of Thomas Ruth Houseman and Margaret Emma Bickley. Entered 1890. Graduated 1893. Σ. A. E. Died, January 3, 1900.

After graduated from the University of Pennsylvania in 1893, he was licensed to preach by the Central Methodist Episcopal Church, Frankford, and acceptably supplied several Philadelphia pulpits. He was for some time a student at Drew Seminary and the Boston University School of Theology. Finding the New England climate too severe, he went to Denver and continued his studies at the Iliff School of Theology. Here he did some tutoring, and expected later to be able to take a professorship, but his health failing utterly, he died January 3, 1900.

ARTHUR WELLESLEY HOWES, ARTS

A. B. '93.

Residence, Wayne, Delaware County. Pennsylvania.

Business address, Central High School, Philadelphia.

Born, 11 March, 1870, Philadelphia. Son of William Howes and Martha Atkinson. Entered 1889. Graduated 1893. Φ. B. K. Married, 17 June, 1896, Mary Wright at Philadelphia.

1898 to date, Assistant Professor of Central High School.

DAVID WENDELL HULBURD, ARTS.

A. B. '93. LL. B. '96.

Residence, 5237 Laurens Street, Germantown.

Business address, Witherspoon Building, Philadelphia.

Born, 4 March, 1871, Albany, New York. Son of Merritt Hulburd, S. T. D. (New York University) and Cornelia McEchron. Entered 1889. Graduated 1893. A. Δ. Φ. (Manhattan.) Married, March 28, 1901, Kathryn Forsyth Bechtel. One child, Merritt Hulburd, born March 6, 1903.

1898 to date, Attorney-at-Law.

Member of the Pennsylvania Society Sons of the Revolution, Germantown Cricket Club. President Alumni Association Class of '93 since 1898.

STEPHEN INNES, ARTS.

A. B. '93. B. D. Gen. Theol. Sem., N. Y.

Residence, 2714 Lyon Street, San Francisco, Cal.

Born, 23 January, 1873, Downingtown, Pennsylvania. Son of Rev. Robert F. Innes and Helen Linnard. Entered 1889. Graduated 1893. Married, June 7, 1900, Louise Bancroft Smithers. Received degree of B. D. at the General Theological Seminary, New York.

1898 to 1903, Clergyman—Rector of Church of St. Mary the Virgin, San Francisco. Editor of the "Catholic Witness."

WILLIAM HAMILTON JEFFERYS, ARTS.

A. B. '94. A. M. '97. M. D. '98.

Residence, No. 4 B. Ming-hong Road, Hongkew, Shanghai, China.

Born, 3 July, 1871, Philadelphia. Son of Charles Peter Beauchamp Jefferys (University of Liege) and Elizabeth Miller. Entered 1889. Left Class 1891 and entered Class of '94. Δ. Φ. Married, June 10, 1897, Lucy Sturgis Hubbard; one girl, Anne Jefferys. Received degree of M. D., University of Pennsylvania Medical School, 1898.

Resident at the Children's Hospital from December, 1898, to December, 1899. February, 1901, sailed for China as Medical Missionary under the Episcopal Board of Missions. He is in charge of the Surgical Department of St. Luke's (Mission) Hospital, Hongkew, Shanghai, China.

He has published articles in the China Medical Missionary Journal. Has had some classes for the medical students in St. John's (missionary) College and a clinic for these students at the Hospital.

GEORGE JOHNSON, ARTS.

A. B. '93.

Residence, Lincoln University, Chester County, Pennsylvania.

Born, 4 July, 1872, Edinburgh, Scotland. Son of James B. Johnson and Annie Todd. Entered 1889. Graduated 1893. Φ. B. K. Married, September 8, 1896, Florence DeBaun; one child, Archibald DeBaun Johnson.

1898 to 1902, Missionary of Presbyterian Board of Foreign Missions at Chilpancingo, Guerrero, Mexico. 1902 to 1903, Professor of Systematic Theology and Mental and Moral Philosophy in Lincoln University.

GEORGE VON PHUL JONES, ARTS.

LL. B. '95.

Residence, 5209 Ridge Avenue, Wissahickon, Philadelphia.

Business address, 510-516 Penn Square Building, Philadelphia.

Born, 5 November, 1872, Roxborough, Philadelphia. Son of Able Ellwood Jones and Rosa Carsora Van Sciver. Entered 1890. Left 1890. Married, November 10, 1897, Edith Eleanor Thompson; one child, Thompson Von Phul Jones, born March 28, 1899.

1898 to date, Attorney-at-Law.

Member of the Union Republican Club, Philadelphia; Young Republicans' Club, Philadelphia; Twenty-first Ward Republican Club, Independent Order of Odd Fellows, Patriotic Order of Sons of America, Law Association of Philadelphia, Alumni of William Penn Charter School and Alumni of the University of Pennsylvania. Representative in the General Assembly of Pennsylvania for Twentieth Philadelphia District during the Session of 1901.

ALFRED LOUIS JUILLIARD, ARTS.

Residence, Louisville, Ohio.

Born, ——— 1871. Son of Charles L. Juilliard. Entered 1892. Left 1892. 1892-5, Department of Law, Pennsylvania.

JOSEPH KEMPER, SCIENCE.

Residence, 18 West Street, Utica, New York.

Business address, 20 Arcade, Utica, New York.

Born, 26 November, 1868, Dayton, Ohio. Son of Jacob Kemper and Rosalie Ohmer. Entered 1891. Received Certificate of Proficiency, 1893. Married, January 10, 1900, Agnes Marie Ryan; one girl.

1898 to 1903, Civil Engineer and Surveyor.

Member of the Engineers' Club, Philadelphia. City Engineer, Utica, New York.

GEORGE W. KENDRICK, 3D, WHARTON.

B. S. '93.

Residence, Rosemont, Pennsylvania.

Business address, 800 S. Eleventh Street, Philadelphia.

Born, 1 April, 1872, Philadelphia. Son of George Washington Kendrick, Jr., and Minnie Murdoch. Entered 1888. Graduated 1893. Married, January 9, 1903, Marion Audenried.

1898 to 1903, Manufacturer.

Member of the University Club, Union League, Racquet Club, Merion Cricket Club, Radnor Hunt, Philadelphia Country Club, Mask and Wig Club, Bryn Mawr Polo Club, Devon Polo Club and Lakewood Polo Club.

JAMES LAWTON KENDRICK, WHARTON.

Residence, 507 S. Forty-second Street, Philadelphia.

Business address, 1709 Sansom Street, Philadelphia.

Born, 26 July, 1874, Atlanta. Son of Hon. John Ryland Kendrick and Julia A. Lawton. Entered 1891. Graduated 1893. Married, November 2d, 1898, Katharine B. Gaulbert.

1898 to 1903, Builder and Contractor.

MURDOCH KENDRICK, WHARTON.

A. B. '93. LL. B. '96.

Residence, 2214 DeLancey Place.

Business address, 815 Crozer Building.

Born, 4 October, 1873, Philadelphia. Son of George W. Kendrick, Jr., and Minnie Murdoch. Entered 1889. 1889-91, Course in Arts. 1891-3, Wharton School. 1893-6, Department of Law, Pennsylvania. Married, December 10, 1902, Ethel Christine Smith.

1898 to 1903, Lawyer. Has held office of Chief Clerk to City Treasurer and Assistant District Attorney, in City of Philadelphia.

Member of Law Alumni and General Alumni Societies, Mask and Wig Club, University Club, Union League of Philadelphia, Pen and Pencil Club, Young Republicans, Sharswood Club, Lincoln Club, Union Republican Club, Five O'Clock Club, Philadelphia Country Club.

PAUL ALOIS KIRCHNER, SCIENCE.

A. B. '91 (La Salle). B. S. '93. C. E. '94.

Residence, 221 E. Grace Street, Richmond, Va.

Business address, C. & O. Railway, General Office, Richmond, Va.

Born, 29 October, 1873, Philadelphia. Son of Paul P. Kirchner and Marie S. Woehrle. Entered 1891. Graduated 1893. 1893-4, Course in Civil Engineering, Pennsylvania. 1898 to 1903, Civil Engineer.

HARRY EUGENE KOHN, WHARTON.

A. B. '91 (Central High School). Ph. B. '93.

Ph. D. '94 (Halle, Germany). LL. B. '98, U. of P.

Residence, 1127 N. Sixty-second Street, Philadelphia.

Business address, 441 Chestnut Street.

Born, 27 January, 1874, Philadelphia. Son of Arnold Kohn and Leah Haas. Entered 1891. Graduated 1893. 1893-4, Course in Philosophy, Halle. 1895 to 1898, Department of Law, Pennsylvania. Married, November 5, 1901, May Fleisher. One son. Received degree of LL. B. (U. of Pa.) June, 1898. 1898 to 1903, Lawyer.

GEORGE WARRINGTON LAMB, BIOLOGY.

M. D. '98 (Jefferson Medical College).

Ph. G. '99 (Univ. of South).

Residence, Buckingham, Bucks County, Pennsylvania.

Born, 4 June, 1875, Clarksboro, Gloucester County, New Jersey. Son of Rev. James H. Lamb, D. D., and Rachel Crozer Green. Entered 1891. Left 1893. Σ. A. E. 1894-8, Course in

Medicine, Jefferson Medical College, Philadelphia. Married, November 27, 1901, Jennie M. Pharo; wife died October 29, 1902. Received degree of Ph. G., University of the South, January 19, 1899.

1898 to August, 1901, Physician. Then ordained Deacon in the Protestant Episcopal Church by the Right Rev. Isaac Lea Nicholson, D. D., Bishop of Milwaukee. Immediately took charge of Trinity Church, Buckingham, Bucks County, Pennsylvania. Ordained Priest on October 25, 1902, by the Rt. Rev. Isaac Lea Nicholson.

FRANK LIVINGSTONE LAIRD, WHARTON.

Ph. B. '93.

Residence, 1117 Fairmount Avenue, Philadelphia.

Business address, Care of "The Inquirer,"
1109 Market Street, Philadelphia.

Born, 28 October, 1872, Hughesville, Pennsylvania. Son of John Clinton Laird and Sophia Stevenson Tallman. Entered 1891. Graduated 1893. Φ. Δ. Θ.

FRANCIS HERBERT LEE, ARTS.

A. B. '93.

Residence, 4721 Windsor Avenue, Philadelphia.

Business address, Central High School, Philadelphia.

Born, 10 July, 1872, Philadelphia. Son of Rensselaer Wright Lee and Sarah Peacock Ridgely. Entered 1889. Graduated 1893. Φ. K. Ψ. Φ. B. K. 1896 to 1898, Department of Philosophy, Pennsylvania. Courses in Latin and Greek. Married, January 23, 1895, Helen Josephine Stavers; two children, Rensselaer Wright Lee and Dorothy Appleton Lee.

1898 to 1900, Professor Latin and Greek, Temple College. 1900 to date, Instructor in Latin and Ancient History, Central High School, Philadelphia.

Member of the Classical Club of Philadelphia.

JULIUS WILLIAM LEISEL, Jr. SCIENCE.

Residence, Charlotte, North Carolina.

Born, 28 April, 1876, Germany. Son of Julius William Leisel. Entered 1890. Received Certificate of Proficiency in Chemistry, 1893.

Member Priestly Club.

VICTOR LENHER, SCIENCE.

Ph. D. '98.

Residence, 148 W. Gorham Street, Madison, Wisconsin.

Business address, same.

Born, 13 July, 1873, Belmond, Iowa. Son of Levi H. Lenher, M. D. (Jefferson Medical College), and S. Keller. Entered 1890. Received Certificate of Proficiency in Chemistry, 1893. 1896-8, Department of Philosophy, Pennsylvania. Married Mary Ella Blood, August 29, 1900; one boy. Received degree of Ph.D., University of Pennsylvania, 1898.

1898 to 1900, Assistant in Chemistry, Columbia University in New York. 1900 to 1903, Assistant Professor of Chemistry, University of Wisconsin.

Member of the Priestly Club, American Chemical Society, American Electro-Chemical Society, French Chemical Society, German Chemical Society, Wisconsin Academy of Science. Author of numerous articles on Chemistry in Chemical Journals.

HOWELL LLOYD, SCIENCE

Residence, Wynnewood, Pennsylvania.

Business address, 436 Bourse Building, Philadelphia.

Born, 1 March, 1871, Philadelphia. Son of Malcolm Lloyd and Anna Howell. Entered 1889. Left 1890. Married, February 10, 1897, to Emily L. Innes.

1898 to June, 1901, with the Atlantic Refining Company. From 1901 to date, General Sales Agent for the General Manifold Company of Franklin, Pennsylvania.

BENJAMIN WOLF LOEB, WHARTON.

A. B. '91 (Central High School). Ph. B. '93.

Residence, 30 W. Twenty-seventh Street, New York.

Business address, 25 Broad Street, New York.

Born, 24 June, 1874, Philadelphia. Son of Leo Loeb and Letta Wolf. Entered 1891. Graduated 1893.

1898 to 1903, with Sutro Bros. & Company, New York. Partner since November 1, 1902.

HOWARD ADLER LOEB, SCIENCE.

B. S. '93. M. E. '94.

Residence, 2030 N. Sixtieth Street, Overbrook, Pennsylvania.

Business address, 245 N. Broad Street, Philadelphia.

Born, 25 July, 1873, Philadelphia. Son of August Benjamin Loeb and Mathilda Adler. Entered 1889. Graduated 1893. 1893-4, Course in Mechanical Engineering, Pennsylvania. Married, March 16, 1897, Hortense Fleisher.

1898 to 1903, Mechanical and Electrical Engineer. Member of Francis Bros. & Jellett, Inc.

JOSEPH SAMUEL LOVERING, WHARTON.

LL. B. '97.

Residence, Chestnut Hill, Philadelphia.

Business address, 328 Chestnut Street, Philadelphia.

Born, 17 March, 1871, Philadelphia. Son of Joseph Shallcross Lovering and Mary Barrett Cowgill. Entered 1890. Received Certificate of Proficiency in Finance and Economy, 1893. Z. Ψ. 1893-7, Department of Law, Pennsylvania. Married, October 2, 1894, Mary Hutchinson Jenks. Two children.

1898 to 1903, Attorney-at-Law.

Member of Germantown Cricket Club aud Rittenhouse Club.

JOHN MacAVOY, WHARTON.

A. B. '91 (Central High School).

Residence, 1608 S. Broad Street, Philadelphia.

Born, 4 April, 1873. Son of John MacAvoy. Entered 1891. Left 1892.

NORMAN MacLEOD, SCIENCE.

Residence, 2009 Walnut Street, Philadelphia.

Business address, North American Building.

Born, 13 December, 1872, Philadelphia. Son of George I. MacLeod, M. D., and Elizabeth K. Burtis. Entered 1889. Left 1891. Z. Ψ. Married, June 6, 1900, Elisabeth Wanamaker.

Served as Lieutenant, Battery "A," Pennsylvania Volunteers, Spanish-American War of 1898. 1898 to 1903, Stock-broker, trading as Norman MacLeod & Co.

Member of Rittenhouse Club, Racquet Club, Markham Club, Philadelphia Country Club, Philadelphia Barge Club, Huntingdon Valley Country Club, Battery "A," Automobile Club of Philadelphia.

THOMAS EMMETT McDERMOTT, CHEMISTRY.
B. S. '93.

Residence, 1262 Point Breeze Avenue, Philadelphia.

Born, 5 July, 1871. Son of Thomas McDermott. Entered 1891. Graduated 1893.

GEORGE McFADDEN, SCIENCE.
B. S. '93.

Residence, 1428 Walnut Street, Philadelphia.

Business, 121 Chestnut Street, Philadelphia.

Born, 30 April, 1873. Son of George Henry McFadden. Entered 1889. Graduated 1893. Δ. Ψ.

Private in Philadelphia City Troop in the Spanish-American War, 1898. 1898 to date, Cotton Merchant with George H. McFadden & Bro. (Cotton Merchants).

Member of the Racquet Club, Markham Club, Philadelphia Country Club.

*CLARENCE STANLEY McINTIRE, WHARTON.
B. S. '93. Ph. D. '97.

Born, 10 October, 1872, Philadelphia. Son of Edward Williams McIntire and Margaret Amelia Buckley. Entered 1889. Graduated 1893. Β. Θ. Π. 1893-7, Department of Philosophy, Pennsylvania. Courses in American Constitutional History, English Literature, American Political History.

1898 to 1900, Instructor at Temple College, Philadelphia.

Died, August 6, 1900.

WILLIAM CLARK McKNIGHT, ARTS.

Residence, Greenport, New York.

Business address, P. O. Box 758, Greenport, New York.

Born, 5 August, 1870, Cape May, New Jersey. Son of James A. McKnight and Katharine M. Clark. Entered 1889. Left 1893. 1893-6, Course in Theology, Princeton Theological

Seminary, Princeton, New Jersey. Married, November 26, 1896, Alice V. Johnston. Two children, Alice Emilie and James William.

1898 to 1903, Clergyman.

ELLWOOD WILBUR MIDDLETON, ARTS

Residence, 1519 Cambridge Street, Philadelphia.

Entered 1889 as a Special Student. Left 1890.

*DAYTON HOBART MILLER, ARTS.

Born, 31 July, 1872, Philadelphia. Son of Elihu Spencer Miller and Anna Emlen Hare. Entered 1889. Left 1891. Φ. K. Σ.

1898 to 1901, Secretary Tom's Creek Coal and Coke Company.

Died, December 21, 1901.

CLYDE MILNE, SCIENCE.

B. S. '93.

Residence, 18 W. Twenty-fifth Street, New York City.

Business address, 19 State Street, New York City.

Born, 9 February, 1872, Philadelphia. Son of Francis Forbes Milne and Annie Clyde. Entered 1889. Graduated 1893. Δ. Ψ.

1898 to 1903, General Freight Agent Clyde Steamship Company.

Member of the following clubs: Union League, Strollers' Club, St. Anthony Club, Calumet Club, University Pennsylvania, Railroad Club of New York; and Union League, Markham Club, St. Anthony Club, Merion Cricket Club, Philadelphia Gun Club and Corinthian Yacht Club of Philadelphia.

THOMAS HARRISON MONTGOMERY, JR., ARTS.

Ph. D. '94 (University of Berlin).

Residence, 213 De Kalb Street, West Philadelphia.

Business address, University of Pennsylvania.

Born, 5 March, 1873, New York City. Son of Thomas Harrison Montgomery and Anna Morton. Entered 1889. Left 1891. Φ. K. Σ. 1891-4, Course in Zoology, University of Berlin. Married, September 19, 1901, Priscilla Braislin. One son, Thomas Roger Montgomery.

1898 to 1903, Assistant Professor of Zoology, University of Pennsylvania.

Member of American Philosophical Society, Academy of Natural Sciences, Society of American Zoologists, Wagner Institute of Science.

Author of a number of zoological monographs. Made a biological survey of eastern coast of Florida.

JAMES CLARK MOORE, Jr., WHARTON.

B. S. '93.

Residence, 904 S. Forty-seventh Street, Philadelphia.

Business address, Sixth and Chestnut Streets, Philadelphia.

Born, 14 September, 1869, Philadelphia. Son of James Clark Moore and Hannah Parker Calver. Entered 1889. Graduated 1893. Φ. Δ. Θ. Married, April 23, 1902, Bertha Bement.

1898 to 1903, Manager Bond Department, Chandler Bros. & Co.

Member of University Club, Philadelphia Cycle and Field Club, Phi Delta Theta Club of Philadelphia, Phi Delta Theta Club of New York.

JOHN EYRE MORGAN, SCIENCE.

B. S. '93.

Residence, Tarrytown, New York, care of Dr. Cook, Wendle Park.

Business address, 124 W. Main Street, Tarrytown.

Born, 11 April, 1872, Edge Moor, Delaware. Son of Joseph Morgan, Jr., and Frances Augustine Eyre. Entered 1889. Graduated 1893.

1898 to 1903, Gas Foreman, Tarrytown Branch of West Chester Lighting Company.

ROBERT CHURCHMAN MORGAN, SCIENCE.

B. S. '93.

Residence, 124 W. Mt. Pleasant Avenue, Germantown.

Business address, 245 N. Broad Street, Philadelphia.

Born, 10 October, 1873, Wilmington, Delaware. Son of Joseph Morgan, Jr., and Frances Augustine Eyre. Entered 1889. Graduated 1893. Married, October 30, 1894, Alberta G. Schimmel. Two boys: Joseph Morgan, 2d, and Andrew S. Morgan.

1898 to 1903, Electrical Engineer.

ARTHUR VILLIERS MORTON, SCIENCE.
B. S. '93 (Haverford).

Residence, 1617 Chestnut Street, Philadelphia.
Business address, 517 Chestnut Street, Philadelphia.
Born, 2 September, 1873, Philadelphia. Son of Thomas George Morton, M. D. ('54 College, '56 Medical), and Ann Jenks Kirkbride. Entered 1889. Left 1891. Δ. Ψ. Course in Science, 1891-3, Haverford College.
1898 to 1900, Assistant Paying Teller; 1900 to date, Assistant Treasurer, The Pennsylvania Company for Insurance on Lives and Granting Annuities.
Member of the Markham Club, Merion Cricket Club, St. Anthony Club.

GEORGE REESE NEWBOLD, ARTS.

Residence, Atlantic City, New Jersey.
Business address, 331 Walnut Street, Philadelphia.
Born, 24 February, 1873. Son of Amos Taylor Newbold ('58 College) and Catharine Sheaff Reese. Entered 1889. Left 1891. Z. Ψ. Married, March 26, 1894, Ethel Meryweather; three children.
1898 to 1903, Insurance Broker.

FRANK LIEBERMAN NEWBURGER, WHARTON.
A. B. '91 (Central High School).

Residence, 2010 Green Street, Philadelphia.
Business address, 323 Chestnut Street, Philadelphia.
Born, 18 February, 1873, Philadelphia. Son of Morris Newburger and Bertha Hochstadter. Entered 1891. Left 1892.
1898 to 1903, Engaged in Banking and Brokerage Business; member of the firm of Newburger Bros. & Henderson.
Member of the Mercantile Club.

JAMES CAVERLEY NEWLIN, SCIENCE.
B. S. '93.

Residence, Haverford, Pennsylvania.
Business address, 902 Harrison Building, Philadelphia.

Born, 23 December, 1872, Philadelphia. Son of Joseph Shipley Newlin and Louisa Verplanck. Entered 1889. Graduated 1893. Z. Ψ. Married, June 12, 1895, Adelaide C. Sims; four children.

1898 to 1903, Civil Engineer.

Member of the Markham Club, Engineers' Club of Philadelphia, Merion Cricket Club.

MARTIN LUTHER NICHOLAS, WHARTON.
Ph. B. '93. LL. B. '96.

Residence, 4134 Brown Street, Philadelphia.

Business address, 27 N. Juniper Street, Philadelphia.

Born, 19 March, 1873, Pocahontas, Goochland County, Virginia. Son of Milton Claiborne Nicholas and Mary Fontaine. Entered 1891. Graduated 1893. 1893-6, Department of Law, Pennsylvania. Married, June 17, 1902, Sadie Carina Campbell.

1898 to date, Attorney-at-Law.

Member of the Masonic and Odd Fellows' Societies.

ALPHONSO ROBERT NICHOLSON, CHEMISTRY.

Residence, 318 Beechwood Avenue, Jenkintown, Pennsylvania.

Business address, Wyncote, Pennsylvania.

Entered 1891. Received Certificate of Proficiency, 1893. Φ. Γ. Δ. Married, September 11, 1895, L. Kimmerling. One child.

1898 to date, Coal and Lumber Business.

JOHN NOLEN, WHARTON.
Ph. B. '93.

Residence, Ardmore, Pennsylvania.

Business address, 111 S. Fifteenth Street, Philadelphia.

Born, 14 June, 1869, Philadelphia. Son of John Christopher Nolen and Matilda Thomas. Entered 1891. Graduated 1893. 1893-4, Department of Philosophy, Pennsylvania. 1895, Oxford (England) Summer Meeting. Married, April 22, 1896, Barbara Schatte. Two children, John Jr. and Barbara.

1898 to date, Secretary of the American Society for Extension of University Teaching.

Member of University Club of Philadelphia. Author of miscellaneous articles on Education. Traveled, 1901-2, in Europe, Germany, Switzerland, Italy and England.

SAMUEL WILKINS NORWOOD, WHARTON.
Ph. B. '92 (Furman University).

Residence, Marion, South Carolina.

Born, 28 September, 1871, Effingham, South Carolina. Son of G. A. Norwood and M. L. Wilkins. Entered 1892. Left 1892. K. A. (South). Married, August 29, 1894, Marion E. Park, at Flora, Illinois. Married Miss E. A. Buck, Marion, S. C., May 22, 1901. Three children.

RICHARD THOMAS O'MALLEY, ARTS.
A. B. '93.

Residence, Avoca, Pennsylvania.

Born, 11 August, 1866, Wilkesbarre, Pennsylvania. Son of Andrew Bernard O'Malley and Mary Elizabeth Lynott. Entered 1889. Graduated 1893.

1893 to date, Tutor, and writer of stories, poems, book reviews, etc. Author of two volumes of poems.

WILLIAM OVERINGTON, JR., SCIENCE.

Residence, Frankford, Philadelphia.

Born, 8 September, 1871, Frankford. Son of Thomas Fogden Overington and Jane Burns. Entered 1889. Left Class 1890, and entered Class of '94. Left College 1891.

Member of the Pennsylvania Historical Society, St. Luke's Alumni Association, Red Dragon Canoe Club, Frankford Country Club, U. of Pa. Athletic Association.

CHRISTOPHER STUART PATTERSON, JR., SCIENCE.
LL. B. '97,

Residence, Chestnut Hill, Philadelphia.

Born, 10 December, 1871, Philadelphia. Son of Christopher Stuart Patterson ('60 College) and Ellen Stuart. Entered 1889. Left 1890. 1894-7, Department of Law, Pennsylvania.

Served in Spanish-American War as Second Lieutenant, Seventh U. S. Artillery, at Tampa, Florida. Commission, Second Lieutenant, Seventh U. S. Artillery, on July 9, 1898. Transferred to Sixth U. S. Artillery, March 10, 1899. Stationed in Honolulu, Hawaian Islands, from April 30, 1899, to November 30, 1899. Served in Philippine Islands from that date to October 10, 1901. Then returned to the United States. Resigned commission as First Lieutenant, Artillery Corps, on September 17, 1902.

1902 to date, Lawyer.

HORACE HILL PATTERSON, SCIENCE.
B. S. '93.

Residence, Scranton, Pennsylvania.
Business address, same.
Born, 4 April, 1872, Philadelphia. Son of Halsted Coe Patterson and Alice Jane Hill. Entered 1889. Graduated 1893. Ψ. Υ.
1898 to 1903, Superintendent of Transportation, Scranton Railway Company.

RODERICK GUSTINE PEARSON, SCIENCE.
Residence, 125 W. Walnut Lane, Germantown.
Business address, U. S. Engineer Office, Box 812, Philadelphia.
Born, 10 August, 1872, Philadelphia. Son of George Gywell Pearson and Mary Pingree. Entered 1889. Left 1893.
Part taken in Spanish-American War, mapping mine fields, Fort Delaware and outlying batteries. 1898 to date, Chief Surveyor, War Department, Delaware River and tributaries. Made a tour of Jamaica in 1901.

ROBESON LEA PEROT, ARCHITECTURE.
Residence, 505 Hansbury Street, Germantown.
Business address, 303 Philadelphia Bourse.
Born, 24 October, 1872, Germantown. Son of Joseph Sansom Perot and Sallie A. Lea. Entered 1889. Left 1890. Re-entered 1892. Graduated 1894. Φ. Κ. Σ. Married, February 24, 1897, Eleanor B. DuPont.
1898 to date, Architect.
Member of the Germantown Cricket Club, American Institute of Architects, Philadelphia Board of Trade, T Square Club of Philadelphia, Historical Society of Pennsylvania, Geneological Society of Pennsylvania.

WILLIAM HENRY PERRY, ARTS.
A. B. '93.

Residence, 615 S. Prospect Street, Philadelphia.
Born, 1 May, 1865, Dee, Armstrong County, Pennsylvania. Son of John Perry and Elizabeth Swab. Entered 1889. Graduated 1893.
1898 to date, Employee of the National Carbon Company.

SAMUEL KREAMER REEVES, SCIENCE.

Residence, Philadelphia.

Business address, 1415 Catherine Street, Philadelphia.

Born, 10 March, 1871, Phœnixville, Pennsylvania. Son of Paul Scull Reeves and Keturah Kreamer. Entered 1889. Left 1892. Δ. Ψ. Married, June 4, 1902, Josephine Lippincott.

Served as a private in the First Philadelphia City Troop, during Spanish-American War.

1898 to 1903, with Paul S. Reeves & Son, Tubal Smelting Works.

Member of the Union League, Racquet Club, Philadelphia Country Club and Philadelphia Club.

JOHN H. REX, ARTS.

Residence, Norristown, Pennsylvania.

Business address, same.

Born, 18 September, 1870. Son of John S. Rex. Entered 1889. Left 1891. Married, January 23, 1900, Emily R. Harvey; one son.

1898 to 1903, Attorney-at-Law.

Member of Norristown Lodge, No. 620, F. and A. M., and Norristown Lodge, No. 714, B. P. O. Elks. Member of Norristown Borough Council, 1901-3, and Member of Legislature from Montgomery County, Session of 1903-5, Republican Party.

MARTIN PORT RICE, SCIENCE.

B. S. '93. M. E. '94.

Residence, Schenectady, New York.

Business address, Care of General Electric Company, Schenectady, New York.

Born, 29 October, 1872, Philadelphia. Son of Rev. Edwin Wilbur Rice, D. D., and Mary Gardner. Entered 1890. Graduated 1893. 1893-4, Course in Mechanical Engineering, Pennsylvania.

1898 to 1903, Electrical Engineer.

MARION RINEHART RODGERS, SCIENCE.

B. S. '93. C. E. '94.

Residence, 1403 N. Thirteenth Street, Philadelphia.

Business address, Eleventh and G Streets, N. W., Washington, D. C.

Born, 7 September, 1873, Philadelphia. Son of John Rodgers and Elizabeth R. Spedden. Entered 1889. Graduated 1893. Φ. Γ. Δ. 1893-4, Course in Civil Engineering, Pennsylvania. Married, May 11, 1901, Sara Stockham Lukens, at Trenton, New Jersey; wife died July 13, 1901.

1898 to 1900, Draftsman U. S. Engineers, War Department, Fort Dupont, Delaware. 1900-1, Assistant Engineer, Cuba Steel Ore Company, Guamà, Cuba. 1901 to date, Chief Engineer Structural Iron Department, Barber & Ross, Washington, D. C.

Member of Phi Gammon Delta, Alumni University of Pennsylvania, Engineers' Club, Philadelphia; Engineers' Society, Trenton, N. J.; Architect and Engineering Society, Washington, D. C.; Metropolitan Club, Washington, D. C.

CHARLES McILWAIN ROGERS, SCIENCE.

Residence, 3411 Race Street, Philadelphia.

Born, 23 January, 1872. Son of Edward L. Rogers. Entered 1889. Left 1889.

HOWARD DeHAVEN ROSS, WHARTON.

B. S. '93.

Residence, 307 West Street, Wilmington, Delaware.

Business address, 210 Market Street, Wilmington, Delaware.

Born, 28 December, 1872, Conshohocken, Montgomery County, Pennsylvania. Son of General Daniel Ross ('60 Fairfield Seminary, New York) and Hannah Anne DeHaven. Entered 1891. Graduated 1893. 1893-4, Department of Philosophy, Pennsylvania. Married Eleanor Anne Todd, October 26, 1898.

1898 to 1903, Junior partner Daniel Ross & Son, Wilmington. 1900, Republican nominee for State Senator from the Second Senatorial District of Newcastle County.

Member of the Young Men's Christian Association of Wilmington, Wilmington Board of Trade, Delaware Field and Penn Clubs, treasurer of the latter; Sons of the American Revolution. Author of Article on the Philadelphia Police Department, Histories on the DeHaven and Ross families, a Treatise upon the Delaware Constitution, a Biographical Catalogue of the Graduates of the Wilmington High School, and of the National Register of the Sons of the American Revolution.

GEORGE THOMPSON ROWLAND, SCIENCE.

Residence, Chestnut Hill, Philadelphia.

Business address, 135 S. Fourth Street, Philadelphia.

Born, 4 February, 1872, Philadelphia. Son of Edward Rowland and Norma L. Koons. Entered 1889. Left 1891. Φ. K. Σ. Married, October 1, 1902, Margaretta A. Trasel.

1898 to 1903, Banker and Broker.

JOHN HORNER RUCKMAN, SCIENCE.

Residence, Lahaska, Pennsylvania.

Born, 19 August, 1871, Lahaska, Pennsylvania. Son of Thomas Hart Ruckman and ——— Hart. Entered 1889. Left 1891.

1891 to date, Farmer.

LOUIS BARCROFT RUNK, ARTS.

A. B. '93 (Yale). LL. B '96. M. A. 1903 (Yale).

Residence, 20 S. Twenty-first Street, Philadelphia.

Business address, 328 Chestnut Street, Philadelphia.

Born, 13 June, 1873, Philadelphia. Son of William M. Runk and Elizabeth C. Hill. Entered 1889. Left 1890. Φ. B. K. (Yale) Z. Ψ. (Yale). 1890-3, Course in Arts, Yale University. 1893-6, Department of Law, Pennsylvania.

1898 to 1903, Attorney-at-Law (Member of the firm of Read & Pettit, since January 1, 1901).

Member of the Merion Cricket Club, University Club, Historical Society of Pennsylvania, Pennsylvania Society of Mayflower Descendants. Corresponding Secretary of the Church Club of Philadelphia. Candidate of Democratic Party for State Senator from Sixth Senatorial District in election of November 4, 1902.

JACOB ANTHONY SAUTTER, CIVIL ENGINEERING.

Residence, 2018 Wood Street, Philadelphia.

Entered 1891. Left 1891. Draughtsman.

EDMUND MUNROE SAWTELLE, SCIENCE.

Residence, 155 Sloane Street, London, S. W., England.

Business address, Westinghouse Bldg., Norfolk St., Strand, London.

Born, 13 June, 1871, San Francisco, California. Son of General Charles Greene Sawtelle ('54 U. S. Military Academy) and Alice Chester Munroe. Entered 1891. Left 1891. Σ. Φ. (Lehigh).

In the Spanish-American War, 1898, appointed First Lieutenant First Regiment, United States Volunteer Engineers, June 7, 1898. Appointed Captain, July 6, 1898. Served during the Porto Rican Campaign from August 5 to November 24, 1898. Honorably mustered out of service January 25, 1899. 1898 to 1903, Electrical Engineer on the staff of the British Westinghouse Electric and Manufacturing Company, Limited, London.

Member of the Civil Engineers' Club, Cleveland, Ohio; The Engineers' Club, New York; Naval and Military Order of the Spanish-American War, the Pennsylvania Society of the Sons of the Revolution; the Whitehall Club, London; Sports Club, London.

On behalf of the British Westinghouse Electric and Manufacturing Company, Limited, visited The Paris Exposition, 1900, The Pan-American Exposition, Buffalo, 1901, Glasgow International Exhibition, 1901, The Dusseldorf Exhibition, 1902.

JOHN SCHWALM SCHAUL, ARTS.
M. D. '94.

Residence, 180 Columbia Avenue, Vandergrift, Pennsylvania.

Business address, same.

Born, 24 December, 1869, Cooper County, Missouri. Son of Josiah Schaul and Maggie Shumaker. Entered 1889. Left 1891. 1891-4, Department of Medicine, Pennsylvania. 1894, Course in Mental and Nervous Diseases and Electro-Therapeutics, Philadelphia Polyclinic. Married, October 22, 1902, Della V. Greenland.

Member Sixteenth Pennsylvania Volunteers Infantry on trip to Porto Rico, Spanish-American War. Subsequently Acting Assistant Surgeon, United States Army.

1898 to date, Physician.

FRANK WILLARD SHOEMAKER, SCIENCE.

Residence, Cynwyd, Montgomery County, Pennsylvania.

Business address, 923 Arch Street, Philadelphia.

Born, 24 November, 1870, Philadelphia. Son of Jacob W. Shoemaker and Rachel Hinkle. Entered 1889. Left 1891. Married Mabel McGeorge, June 20, 1900.

1898 to 1903, Publisher with the Penn Publishing Company. Traveled twice through Mexico and British Columbia.

HENRY BUETH SIMS, SCIENCE.

Residence, Montreal, Canada.

Business address, Chief Engineer's Office, Canadian Pacific Railway, Montreal.

Born, 19 November, 1871, Philadelphia. Son of Henry Augustus Sims and Mary Jones. Entered 1889. Left 1890. Φ. Κ. Σ. Course in Civil Engineering, University of Toronto.

Civil Engineer, Assistant on Toronto, Hamilton and Buffalo Railway. 1896 to date, with Canadian Pacific Railway. Engaged on Survey of Canadian Pacific Railway through Crow's Nest Pass, British Columbia.

Member of Second Battalion Queen's Own Rifles of Canada.

JOHN FALCONER SINCLAIR, ARTS.

A. B. '93. M. D. '97.

Residence, 200 S. Fortieth Street, Philadelphia.

Business address, same.

Born, 18 February, 1871, East Orange, New Jersey. Son of Thomas McEllery Sinclair and Caroline Campbell Soutter. Entered 1889. Graduated 1893. Ψ. Υ. 1893-7, Department of Medicine, Pennsylvania.

1898 to 1900, Resident Physician, German Hospital, Philadelphia, until March 1, 1900. Since that date, engaged in private practice at the above address.

Member of University Club, College of Physicians, The Pathological Society, The Medical Club of Philadelphia, The Pediatrical Society.

Physician to the Medical Dispensary, Presbyterian Hospital. Visiting Physician to the Philadelphia Orphans' Asylum and to the Presbyterian Orphanage. Was Assistant Physician to the Medical Dispensary of the German Hospital from March 1, 1900, to November, 1902. Assistant Surgeon and First Lieutenant, Battery A.

CHARLES SINKLER, ARTS.

A. B. '93. LL. B. '96.

Residence, 1606 Walnut Street, Philadelphia.

Business address, 934 Land Title Building, Philadelphia.

Born, 6 February, 1874, Philadelphia. Son of Wharton Sinkler, M. D. ('68 Medical), and Ella Brock. Entered 1889. Graduated 1893. Φ. K. Σ. 1893-6, Department of Law, Pennsylvania.

1898 to date, Practice of Law, Philadelphia.

Member of the University Club of Philadelphia, Treasurer of same 1902 to date; University Barge Club, Chairman of Executive Committee 1901 to date; Huntingdon Valley Country Club, St. Andrew's Society, Law Academy of Philadelphia.

Author of Chapter on Medical Expert Testimony in American Edition of Baudry's "Injuries to the Eye in their Medico-Legal Aspect."

Traveled to Porto Rico in 1899, Cuba in 1903.

Secretary of the Board of Managers of the Philadelphia Orthopædic Hospital, and Director of the Insurance Company of the State of Pennsylvania. Judge of Election, Eleventh Division, Eighth Ward, Philadelphia.

CARROLL B. SMITH, SCIENCE.

Residence, Redlands, California.

Born, 21 July, 1869. Son of Chester L. Smith. Entered 1890. Left 1892. Married Alice Hutchins Colby, February 8, 1899. Wife deceased, February 21, 1901.

1898 to 1903, Fertilizer Specialist.

Member of the Congregational Church, Redlands, California.

Author of various articles on Agriculture and Fertilizers. General Agent of Swift & Company, Chicago, for the Fertilizer Department of California.

ERNEST FRANCIS SMITH, WHARTON.

Residence, 43 Clark Street, Trenton, New Jersey.

Born, 1872. Son of E. Y. Smith. Entered 1891. Left 1892.

FRANCIS HENRY SMITH, WHARTON.

Residence, Gloucester, New Jersey.

Entered 1892. Left 1893.

HOWARD PERSIFOR SMITH, SCIENCE.

Residence, Lancaster, Pennsylvania.

Business address, 122 E. King Street, Lancaster, Pennsylvania.

Born, 4 January, 1872, Cleveland, Ohio. Son of Howard Persifor Smith ('69 Kenyon) and Margie Baumgardner. Entered 1889. Left 1891. Δ. Υ. Married, October 30, 1896, to Mary Tucker Brubaker. Three children: Howard Persifor Smith, Jr., Wilson Heyward Smith, and James Fleming Smith.

1898 to date, Partner in Keystone Lumber Company of Lancaster, Pa. Secretary of Murray Lumber Co., Old Fort, N. C. Owner of National Mfg. Co.

Member of Hamilton Club, and Lancaster Country Club.

J. ANSON SMITH, NATURAL HISTORY.

B. S. '93. M. D. '97 (Jefferson Medical College).

Residence, Blackwood, Camden County, New Jersey.

Born, 23 November, 1871, Gloucester City, New Jersey. Son of Henry A. M. Smith, M. D. ('64 Jefferson), and Elizabeth W. Anson. Entered 1889. Graduated 1893. 1893-7, Course in Medicine, Jefferson Medical College, Philadelphia.

1898 to date, Physician.

Member of the Camden Republican Club. Director of the Camden County Hospital for the Insane. Physician to Gloucester Township, Camden County, N. J.

GEORGE ALBERT SMYTH, ARTS.

A. B. '93. LL. B. '96.

Residence, 326 W. Chelten Avenue, Germantown.

Business address, 1420 Chestnut Street, Philadelphia.

Born, 15 January, 1873, Philadelphia. Son of Isaac S. Smyth and Katharine Comegys Mason. Entered 1889. Graduated 1893. 1893-6, Department of Law, Pennsylvania. Married, September 25, 1899, Adelaide S. Munhall. Two children: G. Albert Smyth, Jr., and Mary Adelaide Smyth.

1898 to 1903, Lawyer.

Member of the Law Association, and General Alumni Society.

HENRY FIELD SMYTH, BIOLOGICAL.

M. D. '97.

Residence, 5909 Germantown Avenue, Philadelphia.

Business address, same.

Born, 1 November, 1875, Germantown. Son of Isaac S. Smyth and Katharine Comegys Mason. Entered 1891. Graduated 1893. Φ. Α. Σ. (Medical). 1893-7, Department of Medicine, Pennsylvania. Married, July 10, 1902, Alice E. Brackett. One son, Henry Field Smyth, Jr.

1898 to date, Physician.

Member of Philadelphia Pathological Society, Belfield Country Club.

April, 1899, to April, 1900, Studied Medicine in Vienna.

HENRY DOUGLAS SPAETH, ARTS.

B. D. '93 (Lutheran Theological Seminary).

Residence, 148 Western Avenue, Albany, New York.

Born, 18 October, 1870, Philadelphia. Son of Adolph Spaeth, D. D., LL.D., and Marie Duncan. Entered 1889. Left 1890. Ψ. Υ. 1890-3, Course in Theology, Theological Seminary of the Evangelical Lutheran Church, Mount Airy, Philadelphia. Married, December 27, 1897, Rose Katharine Muhlenberg. One son.

1898 to date, Clergyman.

Author of Personal Questions in the Bible, Justification by Faith, The Ten Commandments in the Twentieth Century, The Doctrine of the Holy Spirit.

Since May, 1901, Pastor of the Evangelical Lutheran Church of the Redeemer, Albany, New York, the largest and most influential congregation of the English Lutheran Church in Albany.

*HENRY EUGENE SPENCER, SCIENCE.

Born, 25 December, 1871, Wilmington, Delaware. Son of Samuel Spencer and Estellena Johnson. Entered 1889. Graduated 1893. 1893-4, Department of Philosophy, Pennsylvania.

1898 to 1902, Confidential Chemist and Practical Electrician for the Electric Lead Reduction Company, Niagara Falls, and Professor of Physics and Chemistry in Howard High School, Wilmington, Delaware.

Died, November 25, 1902.

*FREDERICK DAWSON STONE, Jr., SCIENCE.

B. S. '93. C. E. '94.

Born, 7 August, 1872, Philadelphia. Died, 1895, Philadelphia. Son of Frederick Dawson Stone and Annie Evelina Witmer. Entered 1889. Graduated 1893. 1893-4, Course in Civil Engineering, Pennsylvania.

M. FRANK STRAUS, SCIENCE.

Residence, 1527 N. Broad Street, Philadelphia.

Business address, Marietta, Ohio.

Born, 23 August, 1871, Philadelphia. Son of Joseph E. Straus and Clara Hall Wireman. Entered 1889. Left 1892. Φ. Γ. Δ.

1898 to date, Member American Tin and Terne Plate Company, Philadelphia. President of Marietta Sheet and Tin Plate Company. Member of the Merion Cricket Club, Phi Gamma Delta Club, Masonic Order.

Traveled through Jamaica and Canada.

SAMUEL SWIFT, SCIENCE.

B. S. '94.

Residence, 838 West End Avenue, New York City.

Business address, "The Mail and Express," 203 Broadway, NewYork.

Born, 19 January, 1873, Newark, New Jersey. Son of Joseph Swift and Gertrude Horton Dorr. Entered 1889. Left Class 1892 and entered Class of '94. Graduated 1894. Married, June 8, 1896, Ellen Mary Faulkner. Two children: Katharine Faulkner Swift and Samuel Swift, Jr.

1898 to date, Art and Music Editor of "The Mail and Express" of New York. Author of three articles on "Community Life in Residential Parks." Three articles on "The Ornamental Movement of Water in Public Streets for "House and Garden," Philadelphia. From April to August, 1900, Special Correspondent in London and Paris of "The Mail and Express."

JUSTIN RALPH SYPHER, ARTS.

A. B. '93.

Residence, The Usona, Kingshighway and McPherson Ave., St. Louis, Mo.

Business address, 838 Century Building, St. Louis.

Born, 30 May, 1891, Philadelphia. Son of Josiah Rinehart Sypher ('58 Union) and Alice Adelaide Maxwell. Entered 1889. Graduated 1893. Married, February 9, 1899, Reah Wetherill Gumbes. One boy.

1898 to 1903, Assistant to President Inter-State Life Assurance Company.

SEYICHIRO TERASHIMA, WHARTON.
B. S. '95.

Residence, 109 Rue du Bac, Paris, France.

Born, 9 September, 1870, Tokio, Japan. Son of M. Terashima. Entered 1889. Left Class 1891. Entered Class of '95, 1894, and graduated 1895. Φ. Δ. Θ.

1895 to date, Student at L'Ecole Polytechnique, Paris.

WALTER SMITH THOMSON, SCIENCE.

Residence, Bremen, Germany.

Business address, Care of McFadden & Company, Bremen, Germany.

Born, January 6, 1873. Son of William Thomson, M. D., and Rebecca George. Entered 1889. Left Class 1890 and entered Class of '94. Left University, 1893. Δ. Ψ. Married, April 14, 1898, Louise Gordon, Atlanta, Georgia. One child, Rebecca Thomson.

1898 to 1903, Partner in Firm of McFadden & Company. For the past two years, a member of the Board of Trade in Bremen. Vice Consul, Bremen.

WILLIAM TRAUTWINE, Jr., SCIENCE.

Residence, 852 N. Forty-first Street, Philadelphia.

Business address, 1328 Chestnut Street, Philadelphia.

Born, 13 September, 1873, Philadelphia. Son of William Trautwine. Entered 1889. Left 1891.

1898 to date, Attorney-at-Law.

Member of the Law Academy.

WILLIAM BUDD TRITES, Jr., ARTS.

Residence, 27 S. Sixteenth Street, Philadelphia.

Born, 20 July, 1872, Manayunk, Philadelphia. Son of William Budd Trites, M. D., and Amanda Katharine Sutton. Entered 1888. Left 1890. 1890-1, Course in Medicine, Hahnemann Medical College, Philadelphia.

1898 to 1903, Journalist.

STOYAN VASIL TSANOFF, WHARTON.
Ph. B. '93.

Residence, Chicago, Ill.

Business address, 225 Dearborn Street, Room 201, Chicago, Ill.

Born, 16 February, 1865, Vidrare, near Sofia, Bulgaria. Son of Vasil S. Tsanoff and Verba Vasilieva. Entered 1891. Graduated 1893.

1898 to 1903, Promoter of Complete Educational Work.

Member of Social Reform, J. O. R., Culture Extension, etc.

Author of magazine articles and newspaper articles, and editor of "Complete Education."

WILLIAM BUDD WARNE, Jr., SCIENCE.
B. S. '93.

Residence, 206 West Logan Square, Philadelphia.

Born, 16 November, 1872, Philadelphia. Son of William Budd Warne. Entered 1889. Graduated 1893. 1893-4, Department of Mechanical Engineering, Pennsylvania.

Member of the Sons of the Revolution, University Club and Art Club.

CHARLES HENRY WEBER, ARTS.
M. D. '96.

Residence, 1304 Pine Street, Philadelphia.

Born, 23 September, 1873, Philadelphia. Son of Jacob Weber ('58 Medical) and Lavinia Seiser. Entered 1889. Left 1891. Φ. Γ. Δ. 1892-6, Department of Medicine, Pennsylvania.

1899 to 1902, Physician to the Medical Dispensary of St. Christopher's Hospital. 1899 to 1903, Physician to Medical Dispensary of the Episcopal Hospital. 1903 to date, Visiting Physician to Episcopal Hospital. 1902 to date, Physician to the Medical Dispensary of the Children's Hospital.

Member of the Philadelphia Pediatric Society (Secretary of same), the Pathological Society of Philadelphia, Northern Medical Society, Philadelphia Medical Club.

1899 to 1900, Surgeon on American Hospital Ship "Maine," South African War.

*MALCOLM ROGERS WEIGHTMAN, CHEMISTRY.

Entered 1891. Left 1892. Φ. K. Ψ. Married, 1894, Maude Moller; one boy.

Died, January 16, 1903.

FRANK FOREST WELCH, CHEMISTRY.

Residence, Eaton, Ohio.

Entered 1892. Left 1893. Married Clarissa Rossman. Two children: one boy and one girl.

1898 to date, Manufacturer of Drain Tile and dealer in Clay Products and Coal.

Councilman for two years.

ADRIAN FRANCOIS WELLENS, WHARTON.

Residence, Washington Lane and Stenton Avenue, Philadelphia, Pa.

Business address, 2137 Howard Street, Philadelphia, Pa.

Born, 13 September, 1873. Son of Jules C. Wellens. Entered 1889. Received Certificate of Proficiency, 1893. Married, April, 1898, Frances T. Repplier. One child: Jules Wellens, born November 27, 1901.

1898 to date, Linen Importer.

ELISHA KENT KANE WETHERILL, CHEMISTRY.

Residence, 224 N. Sixteenth Street, Philadelphia.

Entered 1891. Left 1893. Φ. K. Ψ.

Artist.

WALTER EDWARD WHITAKER, SCIENCE.

Residence, Adams Street, Frankford, Philadelphia.

Business address, Frankford Ave. and Worrell St., Frankford, Phila.

Born, 14 June, 1871, Philadelphia. Son of William Whitaker and Elizabeth K. Giberson. Entered 1889. Left 1893.

Engaged in Manufacture of Hosiery.

JESSE STARR WHITE, ARTS.

A. B. '93.

Residence, 101 W. Maple Avenue, Merchantville, N. J.

Business address, Delaware Avenue and Vine Street, Camden, N. J.

Born, 29 August, 1872, Camden, New Jersey. Son of John Orlando White, M. D., and ——— Starr. Entered 1889. Graduated 1893. 15 February, 1898, married Lottie Buffum Taylor.

1898 to date, Treasurer and Manager White-Miller Extracting Co. (Manufacturers of Dyewood and Tannin Extracts).

Member of Merchantville Field Club.

JOSEPH EARLY WIDENER, SCIENCE.

Residence, Ashbourne, Pennsylvania.

Business address, 404 Land Title Building, Philadelphia, Pa.

Born, 19 August, 1872, Philadelphia, Pa. Son of Peter A. B. Widener. Entered 1889. Left 1891. Married Mrs. Craig Heberton, née Ella Pancoast, at Philadelphia.

EDWARD BURKE WILFORD, SCIENCE.
B. S. '93. M. E. '94.

Residence, Merion, Pennsylvania.

Business address, 122-124 S. Eighth Street, Philadelphia.

Born, 28 October, 1871, Ashland, Schuylkill County, Penna. Son of John Booth Wilford and Julia Killian. Entered 1889. Graduated 1893. 1893-4, Course in Mechanical Engineering, Pennsylvania. Φ. Δ. Θ. Married, May 5, 1897, Evelyn Seltzer; two sons.

1898 to 1903, Manufacturer of Electrical Dental Machines.

Member of the University Club.

LANGBOURNE MEADE WILLIAMS, WHARTON.

Residence, 1215 W. Franklin Street, Richmond, Virginia.

Business address, 1000 E. Main Street, Richmond, Va.

Born, 12 September, 1872, Richmond, Virginia. Son of John L. Williams (University of Virginia) and Maria Ward Skelton. Entered 1891. Left 1892. Δ. Ψ. Married, December 1, 1898, Miss Nolting; two children.

1898 to 1903, Banker and Broker.

Member of Westmoreland Club, Virginia Boat Club. President of Y. M. C. A., Director in one Life Insurance Company and two banks, and President of Street Railway Company.

ROBERT LANCASTER WILLIAMS, WHARTON.

Residence, Richmond, Virginia.

Business address, 1000 E. Main Street, Richmond, Va.

Born, 29 June, 1869, Richmond, Virginia. Son of John L. Williams (University of Virginia) and Maria Ward Skelton, Entered 1891. Left 1892. Δ. Ψ. Married, December 14 1899, Rebekah G. Watkins; one boy.

1898 to 1903, Banker.

Member of the Sons of the Revolution, Westmoreland Club, Commonwealth, Deep Run Hunt, Lakeside Country, and Hermitage Golf Clubs of Richmond, Va.; Maryland, Merchants and Country Club, of Baltimore, Md.; Virginia Club, of Norfolk, Va., and Richmond Club, of Ocean View, Va. President Norfolk, Portsmouth and Newport News Co., President Knoxville Traction Co., Vice-President North Augusta Elec. and Imp. Co., President Radford Trust Co., Director International Trust Co., Baltimore, Md.; Fourth National Bank, Nashville, Tenn.; Norfolk Bank for Savings and Trust, Norfolk, Va.; National Bank of Virginia, Metropolitan Bank, Richmond, Va.

CHARLES WILLING, ARTS.

Residence, 228 S. Twenty-second Street, Philadelphia.

Business address, 612 Chestnut Street.

Born, 10 May, 1872, Philadelphia. Son of Richard L. Willing. Entered 1889. Left 1893. Δ. Φ.

1898 to 1903, Reporter, "Philadelphia Press" and "Evening Bulletin."

Member of Merion Club, Athletic Club and St. Elmo Club.

ROBERT NEWTON WILLSON, Jr., ARTS.

A. B. '93. M. D. '97.

Residence, 350 S. Fifteenth Street, Philadelphia.

Born, 3 January, 1873. Entered 1889. Graduated 1893. Ψ. Υ.

1893-7, Department of Medicine, Univ. of Pa.

1898 to 1903, Physician.

Member of Philadelphia County Medical Society, Pathological Society, Pædiatric Society, Fellow of the College of Physicians.

Instructor of Physical Diagnosis, University of Pennsylvania Medical School. University Physician since 1901. Represented the U. S. A. at the Congress on Tuberculosis at Naples (1900, May), Italy.

Author of: "Modification of Phenyl-hydrazin Test," "Scientific Value of the Blood Examination," "Tetanus in the Course of Vaccinia." "An Analysis of Fifty-two Cases of Tetanus following Vaccinia;" "Bothriocephalus Latus: A Case of Double Infection;" Carcinoma Limited to the Vermiform Appendix," "The Causal Relation of Blood Poverty and Gastric Ulcer," "The Present Status of Serum Therapy" (Written with Dr. F. A. Packard)."

FRANCIS POTTS WITMER, SCIENCE.

A. B. '91 (Central High School). B. S. '93. C. E. '94.

Residence, 2448 N. Nineteenth Street, Philadelphia.

Business address, Engineering Department, American Bridge Company, Wissahickon, Pennsylvania.

Born, 2 April, 1873, Philadelphia. Son of Ambrose E. Witmer and Imogene B. Potts. Entered 1891. Graduated 1893. 1893-4, Course in Civil Engineering, Pennsylvania. Married, June 24, 1897, Minnie Sears Barr.

1898 to 1901, With Phœnix Bridge Co., Phœnixville, Pa. 1901 to date, Engineer in charge of Bridge Designing and Estimating, American Bridge Co., Wissahickon, Pa.

Member of the Engineers' Club of Philadelphia.

JAMES HENRY WOOD, WHARTON.

Residence, 3601 Market Street, Philadelphia.

Business address, 421 Chestnut Street, Philadelphia.

Born, 8 February, 1873. Son of Jabez Wood and Mary Needles Ogborn. Entered 1890. Left 1893. Ψ. Υ.

1898 to 1901, Superintendent of Agents, Equitable Life Assurance Society, Philadelphia. 1901 to date, With E. H. Gay & Co., Bankers.

REGINALD HEBER WOODWARD, ARTS.

Residence, Keyport, New Jersey.

Born, 12 August, 1869, Ellisdale, New Jersey. Son of Evans Morrison Woodward and Cornelia Canfield. Entered 1890.

Left 1892. 1895, Graduated from General Theological Seminary (New York) of the Protestant Episcopal Church.

1895-6, Missionary in Diocese of New Jersey. 1896-7, Rector of St. Mark's Church, Hammonton, New Jersey. 1897 to date, Rector of St. Mary's Church, Keyport, New Jersey.

ERSKINE WRIGHT, ARTS.

A. B. '93. B. D. '96 (General Theological Seminary).

Residence, Danville, Pennsylvania.

Born, 3 October, 1872, Philadelphia. Son of Richardson L. Wright, Jr., and ——— McAdam. Entered 1889. Graduated 1893. Φ. Δ. Θ., Φ. B. K. 1893-6, Course in Theology, General Theological Seminary, New York City. 1897, Department of Philosophy, Pennsylvania.

1898 to date, Clergyman.

JAMES THOMAS YOUNG, WHARTON.

A. B. '91 (Central High School). Ph. B. '93.
Ph. B. '95 (Halle, Germany).

Residence, 234 S. Thirty-eighth Street, Philadelphia.

Business address, College Hall, University of Pennsylvania.

Born, 23 September, 1873, Philadelphia. Son of Andrew Jackson Young and Louisa Adams. Entered 1891. Graduated 1893. 1893-5, Department of Philosophy, University of Halle, Germany. 1895-7, Student in Germany.

1898 to date, Instructor, Public Administration, Wharton School, University of Pennsylvania.

Secretary, American Academy Political and Social Science, Member of Board of Directors. Member of Council of American Economic Association, and various religious, scientific and other associations.

Author of: "Liberty versus Efficiency," "Administration of City Schools," "Colonial Autonomy," "The Basis of Present Reform Movements," "Direct Legislation," "A Municipal Theocracy." Edited "Handbook on European Governments." Various articles on administration and colonial government. Editor "Annals of American Academy."

PENNSYLVANIA, 1898–1903

In a book known for its rhythmic beauty, "La Vie de l'Abeille," Maeterlinck has pointed out, what naturalists had failed to observe, the mystery and strength of the "spirit of the hive." As the spirit of the hive to the colony of bees, is the spirit of the University to its sons. The universities of Germany stand for research, as those of Great Britain for broad culture and good-fellowship. Pennsylvania combines all these ideas, and the spirit of its hive of workers is the happy blending of culture, comradeship, and investigation. She has long since passed the stage when she ranked as a small College attached to a large Medical School, and is now a University in the broadest sense of the term. The massacre of the drones has commenced, all her men are workers; and the good Provost, as the queen, states his policy: "The University of Pennsylvania occupies a very peculiar position of advantage and opportunity for the development of college life and college spirit, and I hope that we may never forget that the countersign of our University's success is to be the word College. It is not necessary for me to call to mind that our reputation rests not only upon our material growth, but upon our place in the scientific effort of the world."

When the Class of '93 graduated there were no students' club, no dormitories, no close bonds between the students of different disciplines. Now more than five hundred students are housed in the dormitories and live there "in aller Gemüthlichkeit;" and the students of all departments meet together in the Houston Club. These two institutions have unified the student life, and broadened Class spirit into University spirit, without lessening

the feeling of loyalty to the Class; for men do not work and play for several years shoulder to shoulder without remembering it as a precious tie.

That even with much greater opportunities for specialization than ever before, there is still maintained the idea of broad culture, is shown very positively in the heightening of the entrance requirements for all the departments. More men enter who have already had some college training. Another effect is that the men are now older, and so better fitted to elect their courses of study and to make judicious use of them. Then more students go into the professional schools with the degree of B. A.; this is particularly so in the case of the Medical School, where in this year's class fully fifty per cent. have this degree. In the days of '93 few of the men in this department came with more than a school training. Now our young physicians have had a broad experience before their medical course, they graduate older and take the first rank in the State examinations; and being men of maturer judgment, in their early practice no longer deal death far and wide. Thoroughness and breadth are being aimed for and secured in all lines of the University's work.

The third great element in Pennsylvania's spirit is the atmosphere of research, and Pennsylvania's sons may well be proud of her progress in this direction. Professors and graduate students are no longer estimated by their learning, but by the use they make of this knowledge in investigation. We of '93 can all remember when there was hardly a graduate student, and when few of the Faculty were prominent in publication. There is not only the opportunity for research, but the fruits of it, and what is still greater, the growth of the passionate hunger for discovery. It has come to be recognized that the teacher who has the greatest influence over the student mind is not the old-fashioned scholar, with a wealth of memory, but the new scholar

with an international reputation by his scientific writings. The credit for this is due very largely to greater care in the selection of men for Faculty positions, and to the growth of the Department of Philosophy. The latter embraces the graduate work of all the departments of the College, was re-organized in 1886, and gave the first doctor of philosophy degree in 1889. At the Commencement of 1903 thirty doctors were graduated. The requirements for study for this degree are fully as high as in any American university; each thesis, which epitomizes the work of the major subject, must be a piece of research of high value, worthy of publication in any scientific journal. Often the doctor's thesis is the best work a man publishes in the course of his life, for he puts upon it the greater part of three years, and is aided by the advice of men who are authorities in that particular field. The published work of the Faculty during the past year amounted to more than three hundred scientific books and memoirs, with Medicine, Zoology, and Finance and Economy occupying the first three positions. Some of the research is in foreign exploration, as the notable discoveries of Dr. Hilprecht in Babylonia, and of Dr. Peters in Egypt. All this has an effect upon teaching methods: students are no longer referred to text-books but to original sources and to laboratory experiment and observation.

The aid to poor students is greater than ever before. Besides some 126 free scholarships, there are 29 fellowships. Of the latter, three have the annual value of $200, three of $225, one of $300, sixteen of $500, one of $600, and five of $800. In the matter of fellowships that are well paid and without any conditions, Pennsylvania takes the first or second place among American universities.

And now to pass from the spirit to the substance. The last year was financially the best in the history of the University,

and about one million dollars came into her treasury. The largest single item in this account was the bequest of real estate to the value of $481,000 by Mr. Joseph M. Bennett, for the purpose of the higher education of women, and for the erection of a building to this end, to be placed on the south side of Walnut street east of Thirty-fourth. The same year Mr. Joseph Wharton increased the endowment of the Wharton School to $500,000, and promised in addition the erection of a new building for this department (on Woodland avenue, opposite the Wistar Institute). The notable buildings added to the University since 1898 are the following: The Law School Building, architecturally the most beautiful of them all, was dedicated 22d February, 1900, and built at a cost of nearly $400,000; it is at the corner of Thirty-fourth and Chestnut streets, and has recently acquired a broad tract of land immediately to the west. The Museum of Science and Art, on South street opposite Franklin Field, was opened 28th December, 1899; the present building, erected at a cost of $389,000, represents only one wing of the proposed completed museum. The Memorial Tower of the Dormitories, at Thirty-seventh street and Woodland avenue, was raised to the honor of the Pennsylvania men who served during the Spanish war; it was completed in 1900, at a cost of $240,000. Up to the present time more than $600,000 have been expended upon the Dormitories; they now accommodate 525 students, and their government is practically in the hands of the students. The Laboratory of Physics was finished in 1901, at a cost of $250,000; it is placed on Thirty-fourth street north of the Laboratory of Hygiene. The Vivarium of the Department of Zoology was finished in 1898, a separate building placed just to the west of Biological Hall; this contains salt-water aquaria, the water brought from fifty miles off the New Jersey coast, fresh water aquaria, and good facilities

for keeping small terrestrial animals. Finally a number of greenhouses, built at various times and now numbering about twelve, are attached to the south side of Biological Hall.

The new Laboratory of Pathology, Physiology and Pharmacology is in course of erection, and may be nearly completed before next October, on the site of the former buildings of the Veterinary Department; its total cost will be about $600,000, the most costly of all the University buildings. The old Veterinary buildings were torn down to make room for it, and the Veterinary department now occupies a temporary building at Thirty-ninth and Woodland avenue, on ground that the University has secured. The contract has just been given out for the long-desired Gymnasium, between Franklin Field and the Dental Hall; it will cost about $400,000. This building is due to the united labors of the Athletic Committee and alumni; and soon Pennsylvania will have the best gymnasium in the land, as it has already the best athletic field. The plans for a new building for Engineering are nearly completed, and for that too ground will be soon broken. The new building for the Wharton School has been mentioned, and important additions have been made to the Hospital. The Wistar Institute has acquired from the city the whole triangular piece of ground on which the police station is. The city recognizes, then, that the University need not be policed! The students have erected two very artistic fraternity houses upon the north side of Woodland avenue, opposite the University grounds.

Pennsylvania has now twenty-nine buildings (without counting certain small adjuncts), two that are in process of erection, and two that will be soon commenced; when '93 were Freshmen there were just seven buildings.

The Library has had a steady growth. In 1898 there were about 160,000 volumes, and since then about 100,000 more have

been added, and all are now catalogued by the modern system. An important departure has been the formation of department libraries, outside of the main Library building; there are thirteen of these, the Zoological being the largest, and they allow the freest use of the books in the laboratories. Seminary libraries have also been established in particular alcoves of the Library building. A long list of exchanges, about three thousand annually, are received in return for the University publications; in this way are secured all the dissertations of foreign universities, and many scientific monographs and periodicals.

The Museum has some very important reference collections, of which the Babylonian material is already famous. Its other strong collections are ethnological material from Borneo, Japan and Egypt, and a large series illustrative of the American Indians.

Very radical changes have been made in the curriculum. In the College department a student may now take his degree in three, four or five years, according to his wishes and abilities; and in the near future, consequently, the old, time-favored designations "freshman," "sophomore," "junior" and "senior" will be names of the past. The old course system was replaced by the group system (in the College the student selecting any one of fourteen groups), and the latter now by a nearly free elective system, subject only to the judgment of advisory committees. By a composite year of academical and medical subjects a student may take the B. A. and M. D. degrees in seven years. Next fall the Dental Department will lengthen its course to four years; this is the strongest Dental School in the world.

There have been gathered to their fathers the following Professors, held in tender memory by '93: Ex-Provosts Stille and Pepper; Harrison Allen, George H. Horn, E. Otis Kendall, Daniel G. Brinton, Edward D. Cope, John Ashhurst, Jr., Fred-

erick A. Packard, Charles J. Essig, William P. Norris, Francis A. Jackson (who taught since 1855), James Parsons, Dr. DaCosta. There are now 281 officers of instruction; some of these have occupied prominent public positions on the Isthmian Canal Commission, the Legal and Educational Boards of Porto Rico; and a Trustee is now Governor of the State.

"Pomp," the most courteous of the Faculty, has become older but no less agile; he happily recovered from a severe illness this spring, and still carries about yellow envelopes and promises "to report."

The last count of the students showed 2,578, a slight falling off from previous years due to the raising of the entrance requirements. The number of graduate students (in the College) is 191. Of the student publications there are still maintained the daily "Pennsylvanian," and the monthly "Red and Blue;" there have been added the "Punch Bowl" (monthly, and filling the place once held by "Chaff" and "Ben Franklin"), the "Penn Dental Journal" (quarterly) and the "Alumni Register." The Alumni Associations have strengthened in number and effectiveness; besides the larger societies representing the graduates of the College, and of the departments of Medicine, Veterinary Medicine, Dentistry, Law, Alumni clubs have been established in a number of other cities. "The Mask and Wig Club" continues to produce an annual play, always with great success; and in 1899 there was started in conjunction with Haverford, Swarthmore and Bryn Mawr, the "Cercle Française," which annually renders a French play. Another Greek play has been given. Of new student societies may be mentioned the "Pennsylvania Union," a debating club; and the University Band, which is very effective at all the games.

Pennsylvania has entered vigorously upon her new life, and now as never before realizes that it is men that make a great

university. The professors must be broad and scientific doers, not mere accumulators and teachers, and they must hand over this programme to their scholars. This progress is the more wonderful since it has been made in such a short time.

Universities are not self-supporting, they rapidly utilize the sums which come to them, and as quickly demand more. They strive to repay by enriching human thought. What we look forward to is the time when Old Penn shall be maintained solely by her Alumni, and when she may secure their contributions without asking for them. That will be the time when a graduate as naturally leaves a bequest to his Alma Mater, as a life insurance policy to his wife. Pennsylvania asks more than this, that each Alumnus may never forget his whilom student days, but, recalling the Fourth Commandment, cherish their memory, and live so that his name may be an honor to Pennsylvania. May '93 lead here, as she has so often elsewhere!

NINETY-THREE IN THE LAW.

The five years that have elapsed since this subject was last made a matter of record have been years of steady growth and advancement for the members of our class, who, since graduation, have adopted the law as a profession. While none of them have become judges, none of them have failed altogether in their chosen field of endeavor. The raw recruits of 1898 have become the disciplined fighters of 1903, and some of those who were disciplined fighters in 1898 are now becoming conspicuous among the rank and file of the bar.

The chronicler, who in 1898 recorded the doings of Ninety-three in the law, reported that seventeen members of the class constituted the harvest which the law had reaped from our number. He was mistaken. In 1898, twenty-one of Ninety-three's men were attorneys and counsellors-at-law. The four who were then overlooked were Philip Howard Brice, Christopher Stewart Patterson, Jr., John H. Rex and Raymond R. Donges, all of whom left college before graduation. Brice is practicing his profession with the same eminent respectability that characterized him while in college. Patterson, as might have been expected, has had a peculiar career since his admission to the bar. At first he seemed likely to take rank as a lawyer whose specialty was murder; then suddenly he abandoned the profession and entered the army, and lately he has just as suddenly returned to the legal fold. Rex is now and for a number of years has been one of the rising members of the bar of Montgomery County. Donges is busily engaged in expounding the laws of his native State of New Jersey.

Concerning the majority of those whom the former chronicler described, there is not much to be said except that they are one and all still earnest in their work and are meeting with a fair measure of success. Some of them have figured somewhat in the public eye. Jack Horner, one of the earliest of us to be admitted to the bar, was also one of the earliest of us to become prominent in politics, and, as a result, he is to-day Speaker of the House of Representatives of the State of New Jersey. Murdock Kendrick has likewise displayed a deep interest in political matters. In January, 1901, he became chief clerk in the office of the City Treasurer of Philadelphia, from which position, however, he resigned in the autumn of the same year. Since September, 1902, he has been Assistant District Attorney for the County of Philadelphia. Wm. Y. C. Anderson and John Cadwalader, Jr., have also taken some part in local politics, but have never held public office. The former has, however, filled numerous offices in the Law Academy of Philadelphia and is now its president. This venerable legal society has also occupied considerable of the time and attention of Thomas S. Gates, who is its present vice-president. Andrew Wright Crawford has attracted some public notice by his commendable and consistent advocacy of parks and boulevards as methods of enhancing the pleasures of city life.

The mention of these more widely known of our lawyers is not intended to reflect on or disparage the others, Crowther, Hulburd, Sinkler, Smyth, Nicholas, Kohn, Fulmer, Runk, Lovering, Clark and Gensemer, some of whom are the possessors of practices more satisfactory and more lucrative than those of their better known classmates. Strange as it may seem, James T Young, who now represents us in the Wharton School faculty, for a considerable period of time after assuming his professorial position, was an earnest student of the law, but his affection for

the work of the Wharton School could not be alienated by the charms of advocacy and counselling, and so he remained true to his first love. Still more strange does it seem to learn that Franklin S. Edmonds, already high in the estimation of the public as a teacher and an author, expects at an early date to add membership of the bar to his other undoubted accomplishments, but such is nevertheless a fact. May he have the same success in this difficult undertaking that he has had in everything else he has attempted!

Five years ago it was said in "The Record" that "In the law as in medicine or business or whatnot, Ninety-three is still but the seed from which we are trusting in due time there will come the blade, then the ear, and then the full corn in the ear." May we not say now that we have not trusted in vain; that the blade at least has come, and that the time of the ripened corn is not far distant?

NINETY-THREE IN MEDICINE.

The fifteen medical men of our class are, with one exception, all practising their profession, and, again, with one exception, have furnished us with a short account of their doings, professional and otherwise, since graduation. During the last five years we have gained one medical brother and lost another, Lamb deserting to the ministerial ranks and Alburger throwing himself into the resulting breach. Nearly all of the men are holding positions of prominence and responsibility in hospitals and colleges, as well as in their private work. Some have travelled extensively, particularly Weber, who made two trips to South Africa during the Boer war in the American hospital ship, the Maine. Jefferys has for the last two years been living in Shanghai, China, and has done a considerable amount of travelling in Japan and China. Brinton visited foreign climes with the City Troop during the Spanish-American War, and Willson represented the United States at the Congress on Tuberculosis at Naples in 1900. Ekwurzel is stationed in the Philippines as an assistant surgeon in the army with rank of First Lieutenant. Two of the fifteen served in the Spanish-American War. Brinton as a private in the City Troop, and Schaul in the Sixteenth Pennsylvania Volunteer Infantry, and later as an acting assistant surgeon in the United States Army. Six are married and the rest non-committal in the matter of the reasons for their single state. In this era of specialism, which takes in all walks of life as well as the physicians' paths, it is not held a sufficient explanation of occupation to state that a man is a physician or surgeon, but the further question is asked

as to what particular organ or system he directs his medicine or points his knife. Unfortunately this kind of information was not secured, and therefore we cannot advise our classmates in the important matter of getting the right man for the right disease. The record for the last five years is one of steady if slow progress up the ladder of success. The work is all too new as yet to speak of the quality of the fruit to be borne, but surely if devotion to work and real love of the chosen profession insures success the fourteen must needs be crowned at the end of their journey with wreaths of laurels.

Henry R. Alburger, relatively late in life saw the error of other ways and studied medicine, graduating in 1902. He is now a resident physician in the Philadelphia Hospital.

Ward Brinton served with the City Troop during the Spanish campaign, and is still an active soldier. He is a fellow of the College of Physicians and a member of several medical societies and curator of the Mutter Museum. Thomas Luther Coley is a fellow of the College of Physicians, and has published several articles in medical journals.

George M. Ekwurzel in 1900 enlisted as a contract surgeon in the United States Army, and is now stationed in Manila, and holds rank of First Lieutenant, and assistant surgeon, United States Army.

Herbert P. Fisher is practising in Germantown. He is a member of the Medical Club of Philadelphia, and the County Medical Society.

John Norman Henry, since graduation, served as resident physician in the Children's and Pennsylvania Hospitals. Since then he has been registrar, medical dispensary, Children's Hospital, 1898 (resigned); physician to dispensary, St. Christopher's Hospital, 1898-1899; acting assistant surgeon, United States Marine Hospital Service, 1898; temporary physician to Church

Home for Children, 1899-1902; physician to Out-patient Department, Pennsylvania Hospital; physician-in-charge, DeLancey School; visiting physician to Pennsylvania Institution for Instruction of the Blind; medical examiner, Mutual Life Insurance Company, of New York, and assistant physician, Philadelphia Hospital.

William H. Jefferys was resident physician in Children's Hospital, Philadelphia, and subsequently took special courses on the eye, ear, nose and throat preparatory to practising on the heathen Chinese, which he is now doing in St. Luke's (Mission) Hospital in Shanghai.

He has written articles for the Spirit of Missions and the China medical missionary journal, and gives clinical instruction to students at St. John's College, Shanghai.

Rev. George Warrington Lamb in 1901 gave up the pursuit of medicine and became a clergyman.

John Schwalm Schaul gives but a small account of himself. He was a member of the Sixteenth Pennsylvania Infantry on trip to Porto Rico, and subsequently acting assistant surgeon, United States Army.

John F. Sinclair was resident physician, German Hospital. Since 1900 he has been in practice. He is a fellow of the College of Physicians, member of Pathological Society, Medical Club and Pediatric Society. He is physician to the medical dispensary, Presbyterian Hospital, visiting physician to the Philadelphia Orphan's Asylum and to the Presbyterian Orphanage, assistant physician to medical dispensary, German Hospital 1900-1902.

J. Anson Smith is medical director of the Camden County Hospital for the Insane, New Jersey, and physician to Gloucester Township, Camden County, New Jersey.

Henry Field Smyth studied in Vienna for one year, and is now practising in Germantown. He is a member of the Pathological Society.

Charles H. Weber was surgeon on the hospital ship Maine during the Boer War, and had many interesting adventures, some of which he spoke of at a class smoker shortly after his return. He has held the following positions: Physician to medical dispensary, St. Christopher's Hospital, 1899-1902; to medical dispensary, Episcopal Hospital, 1899-1903; visiting physician to Episcopal Hospital; physician to medical dispensary, Children's Hospital; secretary, Pediatric Society; member of Pathological and Northern Medical Societies; Philadelphia Medical Club and A. M. II Medical Fraternity.

Robert N. Willson, Jr., is instructor of Physical Diagnosis, University of Pennsylvania, and University physician. He is a member of Philadelphia County Medical, Pathological and Pediatric Societies, and fellow of the College of Physicians. He has published several medical papers.

NINETY-THREE IN THE MINISTRY.

"Ehen fugaces, Postume, Postume,
Labuntur anni * * * "

After ten years our class counts eight men in the ministry. There were nine, but George Bickley Houseman has passed on to higher service. We cherish his memory as that of an earnest Christian, a congenial friend, a true gentleman.

"The earth is lonelier now when he
Who walked with us its ways is gone."

Another member of our class was enrolled in the last Record among the M. D.'s, but is now, we are glad to say [not that we love our medical brethren less] one of us. George Warrington Lamb gave up the practice of medicine, August 20, 1901, when he was ordained as deacon in the Protestant Episcopal Grace Church, Mt. Airy, Philadelphia, by the Rt. Rev. Isaac Lea Nicholson, Bishop of Milwaukee. He immediately took charge of Trinity Church, Buckingham, Bucks County, Pennsylvania. On October 25, 1902, he was ordained Priest at St. Martin's in the Fields, Chestnut Hill, by the same bishop.

Stephen Innes is now in San Francisco, California, as rector of the Church of St. Mary, the Virgin. "Steve" writes in his inimitable way: "I am simply rector of this (what some would call) Ritualistic Church. We call it Catholic." Innes is also editor of "The Catholic Witness," an illustrated magazine devoted to the interests of the Episcopal Church in the United States of America.

William Clark McKnight is pastor of the Presbyterian Church of Greenport in that part of Long Island where ten

steps eastward is to fall into the water. "Billy" is building a new chapel, but his greatest achievement was in the introduction of the Westminster Shorter Catechism into the Sunday School. Everyone who understands the race characteristics of the aborigines of Long Island will be able to rate this last feat at its true value.

In 1899 Erskine Wright left St. Clement's Church in Philadelphia, and turned his steps westward. He is now rector of Christ (Memorial) Church, Danville, Pa. Our brother tells us that he has neither written nor published anything of consequence.

The malarial mosquito proved too much for George Johnson. In April, 1902, he gave up his missionary work in Southern Mexico. Since then he has been teaching Systematic Theology and Philosophy in Lincoln University, Chester County, Pennsylvania, an institution maintained by the Presbyterian Church for the purpose of giving to the negro race the benefits of a higher education. Some say that Johnson is growing darker, but he contradicts the assertion.

Thomas Frederick Davies is now rector of All Saints' Church, Worcester, Mass., in this position succeeding the Rev. Alexander N. Vinton, now Bishop of Massachusetts [West]. Davies is a conspicuously able and influential man in his position.

We all remember the dignity which Brother Ferguson conferred upon our class room by his whiskers. Thirteen years have passed away, and now it is William Alexander Ferguson, Divinitatis Doctor, who writes to us. We hail him as the first D. D. of our number, the first fruit of a coming harvest. Ferguson is also our most travelled brother, having made tours through England, Holland, Germany, France, Switzerland, Belgium, California, Oregon, Washington and * * * Kensington.

Henry Douglas Spaeth is now in Albany, New York. Since May, 1901, he has been pastor of the Evangelical Lutheran Church of the Redeemer. He tells us in confidence that this is "the largest and most influential congregation of the English Lutheran Church in Albany." Spaeth is also the author of the following: "Personal Quotations in the Bible," "Justification by Faith," "The Ten Commandments in the Twentieth Century" and "The Doctrine of the Holy Spirit."

About Reginald Heber Woodward it is our regret that we can say nothing owing to the lack of information.

We thus narrate another five years' history of the clergymen of Ninety-three. As yet none of us have started a great theological movement, nor have any been tried for heresy. We have written no epoch-making books, nor does the world lose any sleep in hearing our sermons. Our literary assets are like Ratelais's last will and testament: "We owe much. We have nothing. The rest we give to the poor." And yet it is not without a certain degree of pride that we chronicle the individual records of our men as far as we could learn them. Because ministry is service and humblest service is our highest aim.

Not on the vulgar mass
Called "work" must sentence pass,
Things done, that took the eye and had the price;
* * * * * * * *
But all, the world's coarse thumb
And finger failed to plumb
So passed in making up the main account;
All instincts immature
All purposes unsure,
That weighed not as his work yet swelled the man's amount.
Thoughts hardly to be packed
Into a narrow act,
Fancies that broke through language and escaped,
All I could never be
All, men ignored in me,
This, I was worth to God * * * *

NINETY-THREE IN ARCHITECTURE

Five years ago when our record closed, our four architectural members were widely scattered. Bill Hays had just brought honor to the rest of us and fame to himself by coming out top of the heap on the Stewardson Memorial Travelling Scholarship Competition for 1898, and had sailed away for foreign shores loaded down with sketch books and "Bardeckers."

With him went Bissell, and the two "life-long chums" journeyed together as far as Gay Paree, but there, alas! with heavy hearts and many tears they parted for a space. Bissell to travel and Bill to buckle down to school work and to endeavor to withstand the snares and temptations of the Latin quarter.

Ah! if Bill would only publish an account of his experiences what a history we would have—but Mr. Gibboney and his Law and Order minions would come down upon him, like an avenging Fate—and wisely but reluctantly has Bill refrained.

Meanwhile at home "Kink" Harris (our legacy from '92) was keeping our memory green within the oft-remembered haunts of "Jamie," turning out details with deft fluency, and our one professional member "Bob" Perot was diligently engaged in gathering clients and settling down to the domestic joys and cares of married life.

Bill tarried abroad for something over a year and came back with trunks full of sketches and treasured drawings to be properly admired and praised in the T Square Club's exhibition. For a while Bill returned to his old place as a draughtsman, but only to get his breath, as it were, and look about him, and soon

he is installed in quarters of his own, behind a door ever inviting you to enter with the legend of "William Charles Hays, Architect," and from that day till this Bill keeps steadily adding to his renown and now behold him President of the T Square Club, and Instructor in Design in that very architectural school of our alma mater, where he was taught the mysteries of our art, and paved the way for the design of that building which will ever remain a fitting monument to his genius—Houston Hall.

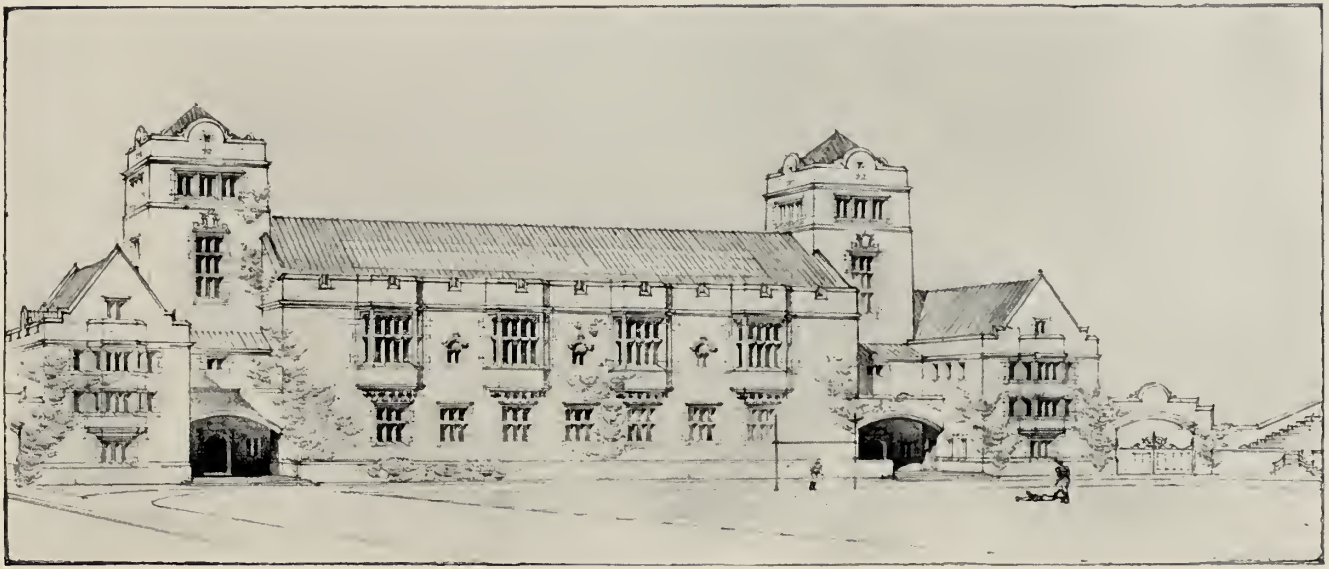
Having narrated the adventures and successes of one "star" comrade little remains to be told about the remaining three. Bissell remained a draughtsman with Cope & Stewardson—where he had been ever since graduation—until July, 1900, when he became junior member of the firm of Perot & Bissell.

Bob Perot meanwhile had been saying little but sawing wood in great shape, his circle of clients widening all the while, and such has been his success in the sawing line that he now entertains his friends under his very own roof tree furnished with all the latest modern improvements, and ingenious indeed and up-to-date will be the burglar who can gain an entrance past "Lockemont" bolts and "Loxet" sash fasts.

With the story of "Kink" Harris (who having suffered in the Purgatory of '92 attained at last to the Paradise of '93) we will bring our history to a close. Stirred by the example of his old comrades he determined to try the inspiring experience of a journey to foreign lands. Once in Paris, the school fever seized him and a summer tour by degrees lengthened into a sojourn of over two years. When finally he turned his course homewards we find him settling down as draughtsman in New York, where he still remains. Let us hope this is but a start preparatory to a successful career in his native city.

Thus have the four of '93 who chose architecture as their

profession fared during the last five years, and glancing over the record can we not truly and heartily say that it has been a period of hard work and useful experience for all, and more than that has not the career of each and every one shown a steady progress onwards towards a success in a noble profession—a profession which exacts from a sincere follower the best that he has to give, and ever nerves him on to higher and better things.



NINETY-THREE IN ENGINEERING

Another five years have passed and we look once again over the roll and ask where are the boys—those fellows who made Crawley's life miserable at times and quieted the feelings of Felix E. when our arts brothers had treated him badly; those fellows who worked James one year in Constitutional Law and Wintersteen the next, in Business Law; those fellows who would cuss Willie Webb one day and discuss the Colonel or Doctor Smith the next. Some of them have passed so far away that we look in vain for them, some have lost interest in us so that we can not reach them, and of the thirty-seven who finished in ninety-three only about one-half have replied to the record committee.

It is a pleasure to look over our four years, which we spent at Pennsylvania ten years ago, and to think that although we had sport with Danny Shumway and Wiley, and "joshed" Picolet and Webb as well as Dr. Keith and a host of others, we really did some serious work which has born fruit in these years of development. It was during these years that we received more than the knowledge of how to use books and to solve engineering problems, we unconsciously learned to be men in a broad sense of the word, and it has been that which has brought success to more than one of us.

Our first record since graduation told the story of what we had started to do, and in this we can follow the unfolding and development of these early plans. Some have changed positions several times, but it is gratifying to note that most of them have learned that it is best to keep at one thing until you

can do it better than any other person, and then recognition will come. The Colonel and the Duke have drummed that into us, and as a result of it we can mention several successes.

Frank Witmer started in with the idea of Bridge Work, and although teaching at Pennsylvania kept him from this a few years, those years were well spent and undoubtedly helped him in his present work which is with the American Bridge Company at the Pencoyd shops. His last five years have advanced him so that he is now in charge of the Designing and Estimating Department at Pencoyd.

Rod Pearson is still at the work which he, Count Bower and Artie Greene started when they borrowed instruments from Haupt. Little did Pearson think when he ran those surveys that he would become chief surveyor of the Government in charge of work on the Delaware and its tributaries.

Breen and Kemper are two other fellows who are "doing business at the old stand." Breen is still in City Engineers' office of Cincinnati and Kemper is in Utica; Breen has charge of the track elevation and subways. "Reddy" Rodgers, whom the Philadelphia papers took for a girl when he graduated, is working on bridges, being chief engineer of the Structural Department of Barber and Ross, of Washington, D. C. Jimmy Newlin and Paul Kirchner are practicing civil engineering.

Of the Colonel's flock we have no news, from several of whom we greatly desire to hear. Flecky seems to have been lost. Bertolet has evaporated and Billy Warne is never seen. Sammy Swift, that serious boy, is probably practising engineering as art and music editor of the *Mail and Express*, New York. It may be, however, that he has given up this engineering for opera, using that deep base voice to which we listened with pleasure. Colket has remained by his first love, the Baldwin Locomotive Works, and as a result has now reached a very

responsible position, but this has not changed him, he is the same Bertie who had that familiar expression, "Now ain't that weird." This he remarked several times each hour to the front row combine of Crawley's room, Flecky, Charlie Friedman, Greene and Pearson. After several such remarks he would start work with his pen for an exercise for the next class or on some lecture notes which were to be copied. There was hardly one hour in which Colket gave his undivided attention to the class work. This has changed, however, for he is now a strict business man, but he has still those genial manners of college days.

Eddy Wilford and Howard Loeb continue in the same business in which they were engaged five years ago. Wilford's company has built up an excellent business, and their work has a reputation for excellence and accuracy. Loeb is of the firm of Francis Brothers & Jellet. Martin Rice is now at the head of the publication bureau of the largest electrical manufacturing company of the United States, the General Electric Company, while Cross and Haines are still working the U. G. I. Company. Haines has been moved around considerably by the company, his work being the superintendence of the installations of new plants. Artie Greene has at last left Pennsylvania, having been made Professor of Mechanical Engineering at Missouri, and Joe Curtis has changed his "job," being now the local manager of the National Electric Supply Company in Baltimore.

Bob Morgan is still with Francis Brothers & Jellet as an electrical engineer, and Hansel has left the Presidency of the Franklin Machine Works to take charge of the Spring Department of the J. G. Brill Company. Shadow Shoemaker has not changed his work since the last Record. Sawtelle's success has been conspicuous. He is now representative of the Westing-

house Electric Company in London, and in the company's behalf has visited the Expositions at Paris and Buffalo.

As before noted, it is very gratifying to see the success which has befallen so many of our class, and also that this has not been due to any "graft" or "pull," but to hard work; work, which at the time of its doing has been apparently unnoticed, but which has brought its reward at last. The engineers of Ninety-three can be proud of their success.

It is not amiss to make some mention of the great advancement in the Engineering Departments in the last five years. This year sees started the new engineering laboratory which will be, on its completion, the best in the United States. The building, with its equipment, will cost over half a million of dollars, and will place Pennsylvania where she should be among the engineering schools of this country. This building has been made possible by the untiring efforts of our Provost, Mr. Harrison, who has worked unceasingly in raising the funds. Professor Spangler and Professor Marburg have been equally diligent in planning the equipment and building. The present arrangement is due to the men to whom we as a class owe so much.

NINETY-THREE'S CONTRIBUTION TO THE CAUSE OF EDUCATION

I have preferred this title to "The Pædagogues in Ninety-three" because it includes all those in the class who have engaged in teaching whether as a profession or merely as an avocation. It is astonishing how many members of our class have been engaged at one time or another in educational work since the year of our graduation. The list includes twenty-one names—truly a large proportion. Some who were teaching when our last Record was published in 1898 have since given it up altogether, while a few who were not teaching then have since taken it up. But those who were teaching then and those who are teaching now may be said to be the real pædagogues of the class; and these men who seem likely to continue teaching as a profession number eleven. In a sense it is the old principle of a survival of the fittest—the fittest, of course, not in a general sense, but in this particular line. Men who have worked hard for ten years at one thing must have done so with a conviction that they are fitted for it, and that it is really destined to be their life work.

Two ideas seem to be prevalent with regard to the teacher's profession. One is that it is a "snap." The other is that it contains a lot of men who are "freaks," who are behind the times, and who are not good for much besides. In individual cases this last notion is apt to be a true one; but it is not the fault of the profession *per se;* the fault rather lies with the individual. He should dignify his profession and get the best out of it that he can. And I am convinced that practically all

the men of Ninety-three are doing this; that they are wide-awake, conscientious young men, with interests varied enough to keep them alive and stirring, and that they have a deep and high-minded sense of the great responsibility of their positions. It has been truly said that no mere teacher is ever a great teacher, and the same might be said of any profession. If a man regulates his life solely and continually with an eye to his profession (and this is what we teachers pre-eminently have to guard against) forgetting thereby his duty as an American citizen, his duty towards religion, his duty as a member of society—then in every case his general usefulness in the world is sadly impaired.

The profession of the teacher has been called a "snap"—and in some senses this is true; but not in the generally accepted sense. My friends in the business world who run down to the shore on Saturday afternoon look at me with envious eyes when they scurry off to catch the early train on Monday morning, as I settle myself comfortably for a quiet after-breakfast smoke and lounge, which they realize are but the prelude to a *dolce far niente* of two or three months. It is in this sense chiefly that outsiders look upon the teaching profession as an easy one. They fail to realize that brain work is the hardest work in the world and that after all the teacher's work in many respects, like woman's work, is never done. But there is compensation in everything; and the life of the scholar (for every good teacher is a scholar in the best sense) has many joys. With him pleasures cannot pall, for his mind to him a kingdom is, and his books are ever "true friends in every season, bright or dim." In *this* sense the life of the scholar is a "snap." It brings with it the quiet, calm joys that mere sensuous pleasures cannot give, and it increases a hundred-fold a man's capacity for the enjoyment of the true, the beautiful, and the good—those eternal verities the appreciation

of which comes with "plain living and high thinking." But we teachers do not want to talk shop always; nor do we mean to arrogate to ourselves all the good in life. We realize that each profession has its place and part in the whole scheme of life, and claim recognition for our own as one of some advantages and of much noble responsibility.

Since the appearance of our last Record three of our comrades, who had intended to make teaching their life work, have been removed from our midst by the hand of Death. These are George Houseman, Spencer, and Clarence McIntire. Of these McIntire will be more widely remembered by Ninety-three men than the other two, who were not with us so long, and who removed from Philadelphia shortly after graduation.

Of Clarence McIntire it may be said that he realized the beau-ideal of the teacher. A man of high aspirations, noble motives, æsthetic tastes, with the winning qualities of heart that endeared him to all who knew him, his life was a benediction. Though that life has gone from amongst us its radiance and its influence remain; and I feel as I sadly record his death that in his removal the cause of education has suffered an irreparable loss.

Three of our members who were teaching in '98 have since engaged in other work—or rather two, for as early as '97 Witmer became a draughtsman, giving up in that year an instructorship in civil engineering. Gilchrist is now a civil engineer, and Herbert Brown, who was for eight years a teacher at Germantown Academy, has taken up illustration as an art and a livelihood, to the great regret of the boys at the school, with whom he was very popular. These defections in the educational ranks are numerically offset by the addition to the teaching force of three men who are pursuing teaching as a side issue. These are "Bob" Willson, George Johnson, and "Billy" Hays.

Willson adds to his income by filling the position of instructor in physical diagnosis at our own medical school, for which his studies abroad have amply fitted him. It may also be mentioned in passing that Bob is still a good tennis player.

Hays is also at the University of Pennsylvania instructing in architectural design. George Johnson has made a radical change. After a long sojourn in the wilds of Mexico, whence he emerged unscathed from earthquakes, wild beasts, and wilder "Greasers," and where his preaching and influence converted a multitude of heathen, he has returned to the more congenial, if effete, East. Truly the Lord takes care of His own. But George preaches no more. He now bears the distinguished and sonorous title of Professor of Systematic Theology and Mental and Moral Philosophy in Lincoln University, Chester County, Pennsylvania. There, we have no doubt, he awes and amazes the rustics, as he did of yore, with his ponderous learning and words of thundering sound. Whether he is to pursue teaching as his life work, time alone will tell. But whatever he does will be done conscientiously and well.

If young Lochinvar in the shape of George Johnson has come out of the West, we have sent others to take his place. Arthur Greene, after teaching several years at his alma mater, sighed for other worlds to conquer. When the University of Missouri authorities heard that he and Hallett were both in the same institution, they decided that so much talent should not be allowed to coexist at one institution; so they sent a call to Greene, with the result, happy for them, but sad for Hallett and Pennsylvania, that Greene is now Professor of Mechanical Engineering in the wild and woolly West. When Spangler heard that Greene was going to leave him,—like the famous Walrus, "I weep for you," sad Spangler said, and shed a bitter tear.

Hallett still continues to teach higher mathematics at Pennsylvania even as he did back in our undergraduate days when the somnolent Kendall got him to demonstrate abstruse problems for the benefit of the rest of the class. Hallett seems to be increasing in the waistband, but he does it to counterbalance the elongated proportions of his colleague Tommy Montgomery, who, in spite of many bibulous feats in the German Fatherland, still retains his pristine shape as he towers upward towards the clouds. "Ingrediturque solo, et caput inter nubila condit."

Last, but not least, of those who are teaching at the University, is Jim Young. It has remained for an enterprising modern firm to give voice to the most appropriate epithet ever devised for Young. He is most emphatically "Sunny Jim," and I believe it is by this endearing term that he is known to his pupils.

Jim Young has one prodigious grin,
The outward sign of mirth within;
He's always been a merry lad,
In circumstances good or bad.
And nothing e'er can bother him,
For first and last he's "Sunny Jim."

At the Central High School in Philadelphia Ninety-three has an illustrious quartette in the persons of the irrepressible Frank Edmonds, the classicists Howes and Lee, and the mathematical production of the Wharton School, James Henry Graham. Besides his work as a teacher Frank Edmonds seems to consider the High School as a means to an end, the end being the increase of his personal acquaintance among Philadelphia's distinguished citizens, political and otherwise. His activities are so numerous that even to mention them would cause me to exceed the space allotted to this article. Like Juvenal's "Graeculus esuriens,"

Teacher, philosopher, editor, literateur, politician,
Author, orator, clubman, a puller of legs and of wires,—
Verily Frank knows it all; and better still, knows everybody.

And if we all get as much out of life as he, we shall be doing very well.

Arthur Howes is an anomaly, a bundle of contradictions and inconsistencies. He is a pessimist with the Rabelaisian "rire immense;" out of sympathy with some things that interest the most of us, yet growing fat; a scholar, yet a very pleasant table companion withal. He is in love with his work, and when a man is that, he is bound to produce good results. At the High School it has been said of him that he is the only man who has ever succeeded in making the boys enthusiastic over Greek and Latin accidence. What higher praise can we bestow! Truly "he ought to have a tablet in the Hall of Fame."

Lee is Instructor in Latin and Ancient History in the Central High School, having given up his position as head of the classical department at Temple College in 1900. Besides his intellectual work, Lee sometimes recalls his athletic days and renews his youth by giving points to the school track athletic team. As Graham is a member of the High School athletic council these two old classmates are endeavoring to direct into the proper channels the physical as well as the intellectual activities of Young America.

Outside of Philadelphia, besides those already mentioned, Greenman is doing well at Harvard as Instructor in Botany and Assistant at the Gray Herbarium. He has published many articles upon subjects connected with his chosen line of work. Victor Lenher is upholding the fame of Ninety-three in the University of Wisconsin as Assistant Professor of Chemistry. So there are little patches of Ninety-three, as it were, scattered here and there throughout the country, like oases in the desert.

There remain to be mentioned two of our classmates who are still among us in Philadelphia. One of these, Gensemer, is practising law, but he is also, as a side issue, teaching in

the Episcopal Academy. The other is James Henri Donnelly. Donnelly is still among us, but apparently not of us. We know that he has a brilliant intellect, that he is a man of wide reading, and that he can teach. The only question is, *When* does he teach? As an addition to the throngs of Chestnut street promenaders he is a distinct success. His faultlessly attired figure may be seen there almost any hour of the day or night. Perhaps promenading is his profession and teaching a mere avocation. Who can tell?

With the publication of this ten-year Record, our story has progressed to the second chapter. Like the serials in the magazines we stop here in a (to us, at least) interesting place, hoping after a long interval to resume our narration once more. As our story proceeds to its dénouement we pædagogues shall hope to contribute our due meed of glory and success to the grand total of the class. Some failures (being human) we must have; but these, if we toil on in the right spirit, shall be an added stimulus in our work; and whether our fame be small or great, if we realize our responsibility and seek to do our best, with noble ideals ever before us, we shall have done our share of the world's work and our labor will not have been in vain.

NINETY-THREE IN BUSINESS

Ten years ago marked an era in the mercantile life of this country. The World's Fair demonstrated that America was fast developing into a power in the business world that had to be reckoned with. That same year Old Penn turned loose a number of energetic fellows that have shown themselves a factor in the business affairs of this Great Republic. For the first five years after they had cast aside the restraints of college life a number of the business men of '93 were experimenting along different lines until they found the business or profession best suited to their temperament, with the result that our ranks were depleted somewhat. However, the ones that have remained true to their calling have shown themselves more capable in the business world than they ever were in college.

The writer often recalls lectures that Prof. Patton of Wharton School Fame delivered regarding the diversification of industry. How well '93 has proved the truth of the Professor's statement is shown in the careers of the business men of that class, for the fact that almost every industry is represented.

Now if any member of our class desires information on the following: Banking, Real Estate, Manufacturing, etc., he need not apply to outsiders. For example, if any of you have money to invest just call on Williams, Moore, Morton and MacLeod, and they can show you why Pennsylvania Railroad is a safer investment than Consolidated Lake Superior.

If he be interested in town lots George Gummey is an authority, and James Kendrick can give him ideas on how

to build a Dog Kennel or a home. If any of our members desire to cultivate the arid lands of California our fellow member, C. B. Smith, is an authority on why California can grow more oranges on two trees than Florida can on one. Now is the time to buy land and have Smith fertilize your Bank Account!

If we should ever have a Class Smoker will the Committee secure Clay Pipes from our fellow member, Frank F. Welch, who is an extensive manufacturer of Clay Pipes of all kinds; this member could possibly give "Dock" Kendrick points on why a city is better off when the Councilmen are attending to their own affairs.

Having specified a few of the special characteristics of some of '93 men in business, I must further add to the list the following, some of whom have already shown their ability to master the details of modern business, namely:

Croft, Secretary Croft & Allen Co.

Wilford, Manufacturing Electrical Dental Machines.

Patterson, Superintendent Transportation Scranton Railway Company.

Blabon, Director in G. W. Blabon Oil Cloth Company.

One of our members, Clyde Milne, could greatly increase the popularity of his Steamship Line by taking us all on a grand cruise to Florida next winter. A trip of this kind would enable Dooner to care for our wants while on shore.

You can see, fellow classmates, how truly cosmopolitan is our class. Nearly every industry in the mercantile life of our country is influenced by our ability. The following men have clerkships in various Financial and Manufacturing institutions: Morton, Gross, Cliff, Sypher, Cooper, Perry.

The following either own or are in partnership in business

or manufacturing: Davis, Elliot, McFadden, Loeb, Reeves, Dickey, Busch, Burr, Smith, Strause, G. W. Kendrick, White, Thomson.

With such a showing as this in ten years it certainly proves that the foundations laid while in college have been permanent. Having such foundations, fellow members, let us build up characters that will redound to the honor of our Alma Mater.

SPEECH OF PRESENTATION, BY JOHN CADWALADER, JR., OF THE MEMORIAL GATE, JUNE 16, 1903

MR. PROVOST AND CLASSMATES:

As Chairman of the Decennial Memorial Committee of the Class of '93, it is my pleasant duty to dedicate this Gate to the University in the hope that generations of students yet unborn may pass and repass through it, and may learn to feel the same love and veneration for our Mother Dear as did her sons of far off '93.

We feel that in the brief ten years gone by, her teachings and her friendships have guided us and cheered us and that the ideals we got from her have made our pathway clearer. And so for whatever measure of success we may have won, including that greatest of all successes the conquering of self and selfishness, we make this offering to our College which taught us life's true worth. And in this gateway of the Georgian Style, the period of the founding of the College we have this special interest and pride that it is the work and design of our two class-mates to whose skill and labors is due the credit of its completion, and the gratitude of us all. It is a pleasure that we have a memorial to link us to the past and that although we ourselves are gone from these dear old scenes, there is now some token of our having once been here. We are indeed lucky to be able to come back to the same scenes, and not like the graduates of the Old College on Ninth street, left at their re-unions to wander as strangers in an unknown land. The

transformation and advance of the University since its removal west of the Schuylkill in 1873, is wonderful, and so great that we believe it has the seed of almost indefinite development and expansion, but I think I voice the sentiments of '93 in saying, that our associations cling to College Hall, and that any thought of removing the building, ugly though it be, is painful to us.

A college boy's affections cling not to the most perfect work of art and man's device, but often like a child doting on its headless doll, to some old dingy room with much carved benches, some corner of the campus where he sunned and crammed, some old clock tower from whose peak his freshman flag once waved triumphant, to the dismay of conceited Sophomores; and so we would be sad if '93's Gate should be the portal of a changed campus and a new college.

It would somehow mean a different world to us and not a better one. True the new buildings added since our day have meant the revival of a style of architecture that has been the glory of Oxford and Cambridge, but whose practical and æsthetic advantages had never been realized for an American college, until the master minds of John Stewardson and Walter Cope, names highly honored and deeply mourned by every Pennsylvanian, showed us in all its beauty and simplicity the College Quad. But much as we can appreciate the attractiveness of the new, we are still drawn to the homely old green pile that was the embodiment of our College. There are glorious prospects before the University and pride in its achievements we all want to share, from the touchdown that wins a crowning triumph for our team, to the latest discovery of Prof. Goodspeed of the vast amount of solar radiant energy, ninety-eight per cent. which does not reach our eye, but contributes towards the wonderful superiority of perception of the cat or the mouse. And when Prof. Goodspeed discovers how we can appropriate a

little more than the beggarly two per cent. of radiant energy allotted, we want to be the first to hail him as the Power for whom Burns and many a true soul has prayed:

"Oh wad some Power the Giftie gee us,
To see ourselves as other see us.
It wad frae mony a blunder free us
And foolish notion;
What airs in dress and gait wad lea us,
And even devotion."

But there are some kinds of modesty that come close to vanity, and one of these is too prevalent in this community. It is that frame of mind that continually apoligizes for its surroundings, its institutions, its companions, that of the individual who by deprecating everything about him, seeks to put himself on a plane of irresponsibility above. The man who is too good for the *res angustae domi* is not good enough to have a home. We, Pennsylvanians, and I speak as a son of the soil and not merely of the College, have too much of this deprecating spirit, which prevents our uniting in great enterprises and feeling the stimulus of concerted action. We waste our energies in attacking and criticising, and sceptical of intentions often lose the sense of generous pride in the success of one another. Many a distinguished man of Pennsylvania has had his opportunities stunted, receiving from his own people but a small part of the fame which was his due, and which the outside world accorded him. What monument or what statue can be found in the chief city of their State to such statesmen as John Dickinson or Robert Morris; such fighting heroes as Wayne, Nicholas Biddle or Richard Dale; such scientists as Rittenhouse, Leidy or Cope; such lawyers as Gibson, Binney or Black, and only recently has any respect of the kind been shown to those benefactors of posterity to Franklin and Girard.

The greatest good the University can do for the State is to bring its mixed population into common associations, to teach the men of the great cities outside of Philadelphia that we do not wish to live separate and apart from them, that we seek their society, and that the age of Quaker exclusiveness is past. By college life and friendships best of all can the men of all parts of the State be brought together, and the petty local jealousies be smoothed away so that the fighting blood of the English, Welsh, Dutch and Scotch-Irish may make common cause against the low standards and venal methods of the world of business and of politics, and win a victory for civilization and for human rights. It is interesting to see how a man of the tough fibre of Cecil Rhodes, a materialist one would suppose, unmoved by visionary impulses could feel the importance of bringing together boys and men of every Anglo-Saxon land the world over, and leave his vast estate a legacy to unify his race. The world has got beyond the stage where it was good policy for one country to oppress another, or to hinder its advance. Selfish and oppressive policies will sooner or later overwhelm the oppressor, and if we seek our own advancement by special privileges, which mean privations to others, our retribution will be swift and sure, both from the sordid greed of those we rear within and from the hatred and vengeful spirit of those without. And the selfish individual will fare equally with the selfish community. Character is rarer to-day than knowledge, but its power is as great, if not greater, for its possessors can be trusted, and what training school to develop manly character is like a college class?

No mean or selfish spirit has room for his activities; as Blackstone says of the air of England that it is too free for any slave, no sham, nor sneak, nor trickster will thrive at college. Of all the institutions of our race there is none that breathes so pure the fierce free spirit of democracy. We have learned by

our life here to judge a man not by the low standard of worldly success, but by the standard of what he strives for.

I cannot do better than quote the words spoken recently, by our greatest private citizen, to the President, for I think that never did experience offer greater encouragement to honesty of purpose, however close it comes to rash experiment. "Let us not forget," Mr. Cleveland says, " that we owe something to this servant of ours. If any discredit fall upon him, his discredit is ours. With American fair play let us, gentlemen, give him the benefit of the doubt so long as we know that however wrong he may be, he believes that he is right." Faith in our better selves will surely compel respect. And now, my Classmates, we come back after ten years to forget for a time the hard facts, the successes or failures of those years, and for a few hours to be boys again, full of incurable optimism, that characteristic American trait, to pay a debt of gratitude to our foster mother. But what would the University be to-day without the Provost? To him more than to any other human agency are due her forward strides.

Therefore in presenting this Gate as a tribute of affection from her sons of '93, let us learn by his example a lesson of what can be accomplished by determination and whole souled devotion to the work in hand. Knowing that we are loyal sons, that we have done something and that we can do more, we should be proud that the words of our motto have been justified. We have found a way if only a small one to do our duty by our College, and if as Voltaire says the future is much greater than the present, by so much greater as our chance shall be, let us work harder and aim higher for the honor of Old Penn and '93.

POEM READ BY GEORGE JOHNSON AT THE PRESENTATION OF THE MEMORIAL GATE, JUNE 16, 1903

Feeble our voice to speak the thoughts that rise,
When comes, at last, the day, in time's decree,
To take our classmate's hand, and in his eyes
The well remembered glance of friendship see.

We live anew glad hours that quickly fled;
We sing once more the songs of long ago;
We feel awake the joy we reckoned dead,
O'erwhelmed and lost, in time's resistless flow.

Within these walls, round which the ivy clings,
We entered into wisdom's Paradise,
And learned to know what joy in knowledge lies.
We found the place of truth's perennial springs,
Where the sweet choir of muses ever sings;
Where grows, on wisdom tree, the golden bough
And leaves all magical, that can endow
With heavenly radiance common earthly things.

In truth we have what never more can change.
What's built on truth can never be down hurled.
Who follows truth will find, where'er he range,
Her banner heavenly blue o'er him unfurled;
And 'neath its folds, there's nothing can estrange
His soul, from what's eternal in the world.

We've learned to use our noble heritage,
The truth, passed down by those who came, and went
The road that all must take when life is spent;
Amidst the fretting toil, the shock and rage
Of life, we've found that truth can disengage
Our minds from all that chains the fancy down,
From doubts that in despair the spirit drown,
From sinking 'neath the burdens of our age.

He who sits monklike in his narrow cell,
Can never find wherein truth's secret lies.
She loves not in a hermitage to dwell;
Nor will she deign to give her richest prize
To him who lives within his citadel,
And all the rest of her broad fields decries.

If truth is found we'll trudge along our way
To meet our gain and loss, our hopes and fears,
Our toil to win what fades, and disappears
Like morning flowers that wither in a day.
For, such things go to make up life, men say.
E'en so: not wholly worthless is our life,
Not vain our work, not valueless our strife,
Nor because *then* we die, now would we play.

For though of much the passing years bereave us;
Youth comes but once, then with its visions flies.
Yet still, there's much the years in passing leave us;
For manhood sees, with wiser clearer eyes,
The truth we hold, with joy, can ne'er deceive us;
As on we march toward our sunset skies.

We love the place where we first learned to hear
The music of the stars come floating down.
We love the voice that sang, so sweet and clear,
A strain earth's notes discordant could not drown.
We heard, and in our soul we came to know
We are not atoms lost, in worlds that come and go.

We would not with the years forgotten be,
In this loved place replete with memories dear.
He would have all remember Ninety-three,
And so, to-day, our columned gateway rear,
To keep in mind our name, thro' coming days,
As those who ever lived for Pennsylvania's praise.

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